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LIST

OF THE

SPECIMENS

OF

BRITISH ANIMALS

IN

BB.j-1

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART IV.—CRUSTACEA.

PRINTED BY ORDER OF THE TRUSTEES

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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the Crustacea that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the collection, and pointing out their peculiarities as regards sex, habitat, and the source from whence the specimens were obtained, as far as the materials in the possession of the Museum will allow. The locality of the specimens, which are not at present contained in the collection, is recorded as given by the authority on which they are inserted.

Those specimens which have been presented to the Museum have the name of the donor indicated. Synonyma have been added to the orders and other divisions of the class, as well as to the genera and species, with a reference to the work in which they have been indicated, and the date, when the different names and divisions were first used, is usually added.

to enable the student to trace the history of the divisions and species, and at the same time to show the priority of the different names which have been employed.

This Catalogue has been prepared by Mr. Adam White, one of the assistants in the department.

JOHN EDWARD GRAY

British Museum,
June 15th, 1850.

CATALOGUE

OF

BRITISH CRUSTACEA.

Class CRUSTACEA.

Crustacea, *Brisson, Reg. Animale.* p. 6 (1756).
Insecta-aptera, pt.; Vermes, pt. *Linn. Syst. Nat.* i. p. 1037, 1092 (1766).
Insecta, pt. *Fabr. Syst. Ent.* (1775).
Crustacea, Crustaceous Animals, *Pennant, Brit. Zool.* iv. p. 1 (1777).
Insectes pourvus de machoires, et sans ailes, A. *Cuv. Tabl. Elem.* (1797).
Crustacés, *Cuvier, Leç. Anat. Comp.* (1800); *Lamarck, Syst. An. sans Vert.* p. 143 (1801).

Sub-Division 1.

Crust. Maxillosa, *Latr. Fam. Nat.* p. 264 (1825).

Crustacés maxillés, *M. Edw. Crust.* i. p. 237 (1834).
Cancer, pt. *Linn. Syst. Nat.* i. p. 1038.

Sub-class I. MALACOSTRACA.

Malacostraca, *Latr. Hist. Nat. Crust.* v. p. 1 (1803); *Leach, Linn. Trans.* xi. p. 307.
Agonata, pt. *Fabr. Syst. Ent.* pp. 400—419 (1775).
Synistata, pt. *Fabr. Syst. Ent.* pp. 296—299 (1775).
Mitosata, pt. *Fabr. Ent. Syst.* p. 396.
Astacoides, *Dumeril, Zool. Anal.* p. 173 (1806).

Legion I. PODOPHTHALMA.

Podophthalma, *Leach, Linn. Trans.* xi. p. 307 (1814—1815).
Podophthalmiens, *M. Edw. Crust.* i. p. 237.
Crustacés Pédiocles, *Lam. An. sans Vert.* p. 147 (1801).

Order I. DECAPODA.

Decapoda, *Latr. Hist. Nat. Crust.* v. p. 346 (1803) pt.; *Haan, Faun. Jap. Exp.* p. 15 (1833).
Decapodes, *M. Edw. Crust.* i. p. 241.

Sub-order I. DECAPODA BRACHYURA.

Brachyura, *Latr. Fam. Nat.* p. 267; *Leach, Linn. Trans.* xi. p. 307.
Brachyuri, *Latr. Hist. Nat. Crust.* v. p. 347 (1803).
Cancri Brachyuri, *Lam. Syst. An. sans Vert.* p. 148 (1801).
Brachyures, *M. Edw. Crust.* i. p. 247.
Kleistagnatha, pt. *Fabr. Ent. Syst. Suppl.* p. 307 (1798).
Tetragonostoma, pt., *Macleay, Ill. Annul. S. Afr.* p. 54.
Trigonostoma, pt. *Macleay, l. c.*

Tribe 1. *OXYRHYNCHITA.*

Oxyrinchi, pt. *Latr. Hist. Nat. Crust.* vi. p. 85 (1803).
Mucronés ou Oxyrinques, *Dumeril, Zool. Anal*, p. 179 (1806).
Oxyrhynches, *M. Edw. Crust.* i. p. 263.
Les Trigones, pt. *Lam. Hist. Nat. An. sans Vert.* v. p. 234.
Trigonia, *Latr. Fam. Nat.* p. 272 (1825).
Majacea, pt. *Haan, Faun. Jap.* p. 74, 77 (1839).
Inachina, pt. *Macleay, Ill. Annul. S. Afr.* p. 56.

Fam. I. MACROPODIADÆ.

Macropodiadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 90 (1819).
Macropodiens, *M. Edw. Crust.* i. p. 273.
Macropus, pt. *Latr. Hist. Nat. Crust.* vi, p. 108 (1803).
Leptopodiadæ, *Bell, Brit. Crust.* p. 1 (1844).
Maiadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 89.
Inachidæ, *Macleay, Ill. Annul. S. Afr.* p. 56.

1. STENORHYNCHUS.

Stenorhynchus, *Lam. Hist. Nat. An. sans Vert.* v. p. 236 (1818).
Macropus, pt. *Latr. Hist. Nat. Crust.* vi. p. 108 (1803).
Macropodia, *Leach, Linn. Trans.* xi. p. 331 (1814—1815).
Inachus (subg. Stenorhynchus), *Haan, Faun. Jap.* p. 89.
Inachus, pt. *Fabr. Ent. Syst. Suppl.* p. 355 (1798).

1. Stenorhynchus rostratus. Slender-legged Crab.

Cancer rostratus, *Linn. Faun. Suec.* p. 2027 (1761); *Syst. Nat.* p. 1045, 31; *Herbst.* t. xvi. f. 90.
C. Phalangium, *Penn. Brit. Zool.* iv. p. 7, t. ix. f. 17 (1777).
Inachus Phalangium, *Fabr. Suppl.* p. 358.
Macropus Phalangium, *Latr. Hist. Nat. Crust.* vi. p. 110.
Macropodia Phalangium, *Leach, Zool. Misc.* ii. p. 18; *Linn. Trans.* xi. p. 331; *Samouelle, Ent. U. Comp.* p. 91; *Mal. Pod. Brit.* t. xxiii. f. 6; *Guerin, Icon. R. A. Crust.* t. 21, f. 2.
Stenorhynchus Phalangium, *M. Edw. Hist. Crust.* i. p. 279; *Guerin, Icon. Texte.* p. 10; *Bell, Brit. Crust.* p. 2; *Lucas, Expl. Alger.* p. 4.
British Coast (mouths of rivers and in deep water) from Cornwall to Orkney, Ireland.
a—f. ♂. Torbay. From collections of Col. Montagu and Dr. Leach.
g, h. ♀. Sussex. Presented by J. E. Gray, Esq.

2. Stenorhynchus tenuirostris. Slender-beaked Spider-Crab.

Stenorhynchus tenuirostris, *Bell, Brit. Crust.* p. 6; *Thompson, An. Nat. Hist.* xx. p. 237.
Leptopodia tenuirostris, *Leach, Edinb. Enc.* vii. p. 431.
Macropus longirostris, *Latr. Hist. Nat. des Crust.* viii. p. 110?
Macropodia longirostris, *Risso, Hist. Nat. de l'Eur. Merid.* v. p. 27 *Blainv. Faune Franç.* t. 8, f. 1.

Macropodia tenuirostris, *Leach, Linn. Trans.* xi. p. 331 ; *Mal. Pod. Brit.* t. xxiii. f. 1—5.
Cancer longirostris, *Fabr. Ent. Syst.* ii. p. 462 ?
Cancer rostratus, *Fabr. Mant. Ins.* i. p. 235, 76 ?
Stenorhynchus longirostris, *Edw. Hist. Crust.* i. p. 280 ; *Guer. Icon. R. A.* t. 11, f. 3 ; *Couch, Cornish Fauna*, p. 64 ; *Lucas, Expl. Alger.* p. 5.

a—e. ♂. *f—j.* ♀. Devonshire Coast. From the collection of Dr. Leach.

2. ACHÆUS.

Achæus, *Leach, Mal. Pod. Brit.*
Inachus (subg. Achæus), *Haan, Faun. Jap.* p. 87.

1. Achæus Cranchii. Cranch's Spider-Crab.

Achæus Cranchii, *Leach, Mal. Pod. Brit.* xxii. C. ; *Latr. R. A.* iv. p. 64 ; *M. Edw. Crust.* i. p. 281 ; *Bell, Brit. Crust.* p. 10 ; *Lucas, Expl. Alger.* p. 5.

a. Falmouth Bay, Cornwall. From the collection of Mr. J. Cranch. S. of Ireland. (J. V. Thompson, Esq.).

3. INACHUS.

Inachus, *Leach, Linn. Trans.* xi. p. 329.
Macropus, pt. *Latr. Hist. Nat. Crust.* vi. p. 108.
Inachus (subg. Inachus), *Haan, Faun. Jap.* p. 88.
Inachus, pt. *Fabr. Ent. Syst. Suppl.* p. 355.

1. Inachus Dorsettensis. Scorpion Spider Crab.

Cancer Dorsettensis, *Penn. Brit. Zool.* iv. p. 7, t. 9, A. f. 18 (1777).
Cancer Scorpio, *Fabr. Ent. Syst.* ii. p. 462 (1793) ; *Suppl.* p. 358 ; *Herbst.* i. p. 237, No. 130.
Macropus Scorpio, *Latr. Hist. Nat. Crust.* vi. p. 109.
Inachus Scorpio, *Fabr. Suppl.* p. 358 ; *Desm. Cons.* t. xxiv. f. 1 ; *Guerin, Exp. Morée.* p. 31 ; *M. Edw. Crust.* i. p. 288 ; *Cuv. R. A.* (Croch.) t. 34, f. 2 ; *Couch, Cornish Fauna*, p. 65.

Inachus Dorsettensis, *Leach. Enc. Brit. Suppl.* p. 416; *Malac. Brit.* t. xxii. f. 1—6; *Samouelle, Ent. U. Comp.* p. 90; *Bell, Brit. Crust.* p. 13.

British and Irish Coasts.
a—d. ♂. *e—h.* ♀. Devon. From the collection of Col. Montagu.
j. Cornwall. Presented by D. W. Mitchell, Esq.
k. Cornwall. Presented by W. P. Cocks, Esq.

2. INACHUS DORHYNCHUS. Leach's Spider-Crab.

Inachus Dorynchus, *Leach, Ed. Enc.* vii. p. 431; *Mal. Pod. Brit.* t. xxii. f. 7, 8; *M. Edw. Crust.* p. 288; *Couch, Cornish Fauna*, p. 65; *Bell, Brit. Crust.* p. 16.

British and Irish Coasts.
a—f. Devon. From the collection of Dr. Leach.

3. INACHUS LEPTOCHIRUS. Slender-armed Spider-Crab.

Inachus leptochirus, *Leach, Malac. Brit.* t. xxii. B.; *Bell, Brit. Crust.* p. 18.
Inachus leptorynchus, *Desm. Cons.* p. 152.
Inachus leptorinchus, *M. Edw. Crust.* i. p. 289.

British and Irish Coasts (rare).
a—c. W. Coast of Devon. From the collection of Mr. Cranch.

FAM. II. MAIADÆ.

Maiadæ, *Bell, Brit. Crust.* p. 21.
Maiadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 88.
Maiens, *M. Edw. Crust.* i. p. 295.

1. ARCTOPSIS.

Arctopsis (lanata), *Lam. Syst. An. sans Vert.* p. 155 (1801).
Pisa, *Leach, Linn. Trans.* xi. p. 327 (1814—1815).
Pisa, pt. *Leach, Edin. Enc.* vii.
Blastus, pt. *Leach, Edin. Enc.* vii.
Pisa (subg. Pisa), *Haan, Faun. Jap.* p. 85.

1. ARCTOPSIS TETRAODON. Four-horned Spider-Crab.

Cancer tetraodon, *Penn. Brit. Zool.* iv. t. viii. f. 15, p. 6.
Maia tetraodon, *Bosc, Hist. Crust.* i. p. 254; *Leach, Ed. Enc.* vii. p. 395.
Maia prædo, *Bosc, l. c.*
Blastus tetraodon, *Leach, Ed. Enc.* p. 431.
Maia hirticorne, *Blainv. Faune Franç.* t. 9.
Pisa tetraodon, *Leach, Linn. Trans.* xi. p. 328 (1815); *Malac. Pod. Brit.* t. xx. f. 1—6; *Samouelle, Ent. U. Comp.* p. 88; *M. Edw. Crust.* i. p. 307; *Couch, Cornish Fauna*, p. 65; *Bell, Brit. Crust.* p. 22; *Lucas, Expl. Alger.* p. 7.

a—f. South of England.
g, h. Bognor. Presented by Prof. Bell.
j—k. Cornwall. Presented by D. W. Mitchell, Esq.

2. ARCTOPSIS LANATA. Gibb's Crab.

Arctopsis lanata, *Lam. Syst. An. sans Vert.* p. 155 (1801).
Cancer biaculeatus, *Montagu, Linn. Trans.* xi. t. 1, f. 2, p. 2 (1807—1815).
Pisa biaculeata, *Leach, Ed. Enc.* vii. p. 431.
Pisa Gibbsii, *Leach, Linn. Trans.* xi. p. 327 (1815); *Malac. Pod. Brit.* t. xix. f. 1—4; *Samouelle, Ent. U. Comp.* p. 88; *M. Edw. Crust.* i. p. 307; *Couch, Cornish Fauna*, p. 65; *Bell, Brit. Crust.* p. 27; *Lucas, Expl. Alger.* p. 8.

British Coast (deep water).
a—l. South Coast of Devon and Cornwall. From the collections of Col. Montagu and Dr. Leach.

2. HYAS.

Hyas, *Leach, Edin. Enc.* vii. p. 431.
Pisa (subg. Hyas), *Haan, Faun. Jap.* p. 85.
Inachus, pt. *Fabr. Suppl.* p. 356.

1. HYAS ARANEUS. Great Spider-Crab.

Cancer araneus, *Linn. Syst. Nat.* p. 1044, 30; *Penn. Brit. Zool.* iv. p. 6, t. 9, f. 16.

Cancer Bufo, *Herbst*, i. t. xvii. f. 95, p. 342.
Inachus araneus, *Fabr. Ent. Syst. Suppl.* p. 356.
Maia araneus, *Leach, Ed. Enc.* vii. p. 394.
Hyas araneus, *Leach, l. c.* p. 431; *Mal. Pod. Brit.* t. xxi. A., f. 1—5; *Samouelle, Ent. U. Comp.* p. 89; *Desm. Crust.* p. 148; *M. Edw. Crust.* i. p. 312; *Couch, Cornish Fauna*, p. 66; *Bell, Brit. Crust.* p. 31.

a—k. British Coast (Scotland and Kent). From the collection of Dr. Leach.

2. HYAS COARCTATUS. Contracted Crab.

Hyas coarctatus, *Leach, Linn. Trans.* xi. p. 329; *Mal. Pod. Brit.* t. xxi. B., f. 1, *mas.* 2 *fœm.*; *Desm. Cons.* p. 148; *M. Edw. Crust.* i. p. 312; *Couch, Cornish Fauna*, p. 66; *Bell, Brit. Crust.* p. 35.
Hyas serratus, *Hailstone, Mag. Nat. Hist.* viii. (junr.)

British Coast from Cornwall to Shetland. Ireland.
a—g. Firth of Forth. From the collection of Dr. Leach.
h—p. Devon and Kent.

3. MAJA.

Maja, *Leach, Linn. Trans.* xi. p. 326.
Maia, pt. *Lam. Hist. Nat. An. sans Vert.* v. 240.
Maja, pt. *Lam. Syst. An. sans Vert.* 154 (1801).
Maja (subg. Maja), *Haan, Faun. Jap.* p. 82.
Inachus, pt. *Fabr. Ent. Syst. Suppl.* p. 356.

1. MAJA SQUINADO. Thorn-back Crab.

Cancer maia, *Linn. Faun. Suec.* p. 493, 2031; *Syst. Nat.* 1046, 41; *Sowerby, Brit. Misc.* t. 39.
Cancer Squinado, *Herbst*, i. t. xiv. f. 84, 85 (*jun.*); *Id.* iii. t. lvi. (*adult*).
Cancer horridus, *Penn. Brit. Zool.* iv. p. 6, t. 8, f. 14.
Maia Squinado, *Latr. Hist. Nat. des Crust.* vi. p. 93; *Bosc, Hist. Nat. des Crust.* i. p. 257; *Leach, Linn. Trans.* xi. p. 326; *Mal. Pod. Brit.* t. xviii. f. 1—6; *Samouelle, Ent. U. Conv.* p. 89: *M. Edw. Crust.* i. p. 327; *Cuv. R. A.* (Croch.) t. 30, f. 2; *Bell, Brit. Crust.* p. 39.

Maia verrucosa, *Couch.* (not *Edw.*).

Thornback, King Crab, Corwich, Spider (local names).

British Coast.
a. South Coast of England. Presented by J. G. Children, Esq.
b—*h*. South-west Coast of Devon.
j—*l*. Cornwall. Presented by D. W. Mitchell, Esq.
m. Cornwall. Presented by W. P. Cocks, Esq.

Fam. III. PARTHENOPIDÆ.

Parthenopiens, *M. Edw. Crust.* i. p. 347.
Parthenopidæ, *Bell, Brit. Crust.* p. 45.
Maiadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 88.

1. EURYNOME.

Eurynome, *Leach, Edin. Enc.* vii. p. 431.
Doclea (subg. Eurynome), *Haan, Faun. Jap.* p. 86.
Cancer, pt. *Pennant.*

1. Eurynome aspera. Strawberry Crab.

Cancer asper, *Penn. Brit. Zool.* iv. (edit. 1777), p. 7, t. 9. A., f. 20.
Eurynome aspera, *Leach, Mal. Pod. Brit.* t. xvii. f. 1—5; *Samouelle, Ent. U. Comp.* p. 88; *Guerin, Icon. R. A. Crust.* t. 7, f. 4; *M. Edw. Crust.* i. p. 351, t. 15, f. 18; *Thompson, An. Nat. Hist.* xx. p. 238; *Bell, Brit. Crust.* p. 46.
Eurynome spinosa, *Hailstone, in Mag. Nat. Hist.* viii. p. 549, (junr.)
Eurynome scutellata, *Risso, Hist. Nat. Eur. Mer.* iv. 21 ? var.? fid. *Thompson.*
British Coast (deep water).
a—*o*. Plymouth Sound. From the collections of Col. Montagu and Dr. Leach.

Tribe 2. *CYCLOMETOPITA.*

Cyclométopes, *M. Edw. Crust*, i. p. 363.
Arcuata, pt. *Latr. Fam. Nat.* p. 270 (1825).
Canceriformes ou Carcinoides, pt. *Dumeril, Zool. Anal.* p. 181.
Cancroidea, pt. *Haan, Faun. Jap.* i. (1833).

Fam. I. CANCERIDÆ.

Canceridæ, *Bell, Brit. Crust.* p. 51.
Canceriens, *M. Edw. Crust.* i. p. 368.
Cancerides littorales, *Latr. Gen. Cr. et Ins.* i. p. 27.
Canceridæ, pt. *Leach, Sam. Ent. U. Comp.* p. 85.
Pilumnidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 86.

1. XANTHO.

Xantho, *Leach, Linn. Trans.* xi. p. 320 (1814, 1815).
Cancer (subg. Xantho), *Haan, Faun. Jap.* p. 18.
Cancer, pt. *Montagu.*

1. Xantho florida. Montagu's Crab.

Cancer floridus, *Montagu, Linn. Trans.* ix. p. 85, t. 4, f. 1, (not *Linn.*)
Cancer poressa, *Olivi, Zool. Adr.* t. 2, f. 3?
Cancer incisus, *Leach, Ed. Enc.* vii. p. 391.
Xantho incisa, *Leach, Ed. Enc.* vii. p. 430.
Xantho florida, *Leach, Linn. Tr.* xi. p. 320; *Leach, Mal. Pod. Brit.* t. xi. f. 1—6; *Samouelle, Ent. U. Comp.* p. 86; *Bell, Brit. Crust.* p. 51.
Xantho floridus, *M. Edw. Crust.* i. p. 394; *Cuv. R. A.* (Croch.) t. 11, bis. f. 13; *Lucas, Expl. Alger.* p. 12.
Cancer (Xantho) rivulosus, *Haan, Faun. Jap.* p. 18.

British and Irish Coasts.
a—g. South Coast of Devon. From the collections of Col. Montagu and Dr. Leach.
j—l. Cornwall. Presented by D. W. Mitchell, Esq.
m. Cornwall. Presented by W. P. Cocks, Esq.

2. Xantho rivulosa. Risso's Crab.

Xantho rivulosa, *Bell, Brit. Crust.* p. 54.
Cancer hydrophilus, *Herbst*, i. t. xxi. f. 124, p. 266?
Cancer rivulosus, *Risso, Crust. Nice.* p. 14 (1816).
Xantho florida, var. β., *Leach, Trans. Linn. Soc.* xi. p. 320.
Xantho rivulosus, *Savigny, l'Egypte*, t. 5, f. 8; *M. Edw. Crust.* i. p. 394; *Roux, Crust. Mediterr.* t. xxxv.; *Couch, Cornish Fauna*; *Lucas, Expl. Alger.* p. 12.
Cancer cinereus, *Guerin, Exp. Morée.* p. 30.

British and Irish Coasts.
a. Cornwall (Falmouth). Presented by W. P. Cocks, Esq.

2. CANCER.

Cancer, *Latr. Syst. An. sans Vert.* p. 148 (1801); *Leach, Linn. Trans.* xi. 320 (1814—1815).
Platycarcinus (*Latr. mss.*), *M. Edw. Crust.* i. p. 412.
Cancer (subg. Cancer). *Haan, Faun. Jap.* p. 20.

1. Cancer Pagurus. Common Crab.

Cancer Pagurus, *Linn. Syst. Nat.* p. 1044, 27; *Herbst*, i. t. ix. f. 59; *Penn. Brit. Zool.* edit. 1777, iv. t. iii. f. 7; *Leach, Mal. Pod. Brit.* t. x. f. 1—4; *Samouelle, Ent. U. Comp.* p. 85; *Bell, Trans. Zool. Soc.* i. p. 341; *Brit. Crust.* p. 59; *Haan, Faun. Jap.*
Cancer fimbriatus, *Olivi, Zool. Adr.* p. 47, t. 1 (1792).
Cancer (Cancer) Pagurus, *Haan, Faun. Jap.* 21.
Platycarcinus Pagurus, *M. Edw. Crust.* i. p. 413.
Cancer inciso-crenatus, *Couch, Cornish Fauna*, p. 70 (young).

Crab, or Partan (local names).

British Coasts, from Cornwall to Shetland.
a—k. Devon. From the collections of Col. Montagu and Dr. Leach.
l. London Market; a specimen covered with old oysters. Presented by Messrs. Oliffe and Cole.
m. Cornwall. Presented by D. W. Mitchell, Esq.

3. PILUMNUS.

Pilumnus, *Leach*, *Linn. Trans.* xi. p. 32, (1814, 1815).
Cancer (subg. Pilumnus) *Haan*, *Faun. Jap.* p. 19.

1. PILUMNUS HIRTELLUS. Hairy Crab.

Cancer hirtellus, *Linn. Faun. Suec.* p. 2029; *Syst. Nat.* i. 1045, 32; *Penn. Brit. Zool.* iv. t. vi. p. 11, f. 11.
Cancer ferrugineus, *Herbst*, t. 21, f. 127?
Pilumnus hirtellus, *Leach*, *Linn. Trans.* xi. p. 321; *Mal. Pod. Brit.* t. xii. f. 1—7; *Samouelle*, *Ent. U. Comp.* p. 86; *M. Edw. Crust.* i. p. 417; *Bell*, *Brit. Crust.* p. 68.
Cancer (Pilumnus) hirtellus, *Haan*, *Faun. Jap.* p. 19.
British and Irish Coasts.

a—l. S. Devon. From the collections of Col. Montagu and Dr. Leach.
m—n. Sussex. Presented by J. E. Gray, Esq.
o—s. Cornwall. Presented by D. W. Mitchell, Esq. and W. P. Cocks, Esq.

4. PIRIMELA.

Pirimela, *Leach*, *Mal. Pod.*
Cancer, pt. *Montagu.*
Corystes (subg. Pirimela), *Haan*, *Faun. Jap.* p. 13.

1. PIRIMELA DENTICULATA. Toothed Pirimela.

Cancer denticulatus, *Mont. Linn. Trans.* ix. p. 87, t. 2, f. 2.
Pirimela denticulata, *Leach*, *Mal. Brit.* t. iii. f. 1—7; *Desm. Crust.* t. 9, f. 1; *M. Edw. Crust.* i. p. 424; *Cuv. R. A.* (Croch.) t. 12, f 1; *Bell*, *Brit. Crust.* p. 72; *Lucas*, *Expl. Alger.* p. 12.
Corystes (Pirimela) denticulata, *Haan*, *Faun. Jap.* p. 13.

a—h. South Coast of Devon and Kent. From the collections of Col. Montagu and Dr. Leach.
j. Scotland.
k. Cornwall. Presented by D. W. Mitchell, Esq.

Fam. II. PORTUNIDÆ.

Portunidæ, *Leach*, *Sam. Ent. U. Comp.* p. 83 (1819); *Bell, Brit. Crust.* p. 74.
Portuniens, *M. Edw. Crust.* i. p. 432.
Portunus, pt. *Fabr. Ent. Syst. Suppl.* p. 363 (1798).
Cancerides Pelagii, *Latr. Gen. Crust. et Ins.* i. p. 25.
Pinnipeda, *Latr.*
Portunidæ, pt. *Macleay, Ill. Annul. S. Afr.* p. 59.
Carcinidæ, pt. *Macleay, Ill. Annul. S. Afr.* p. 59.

Shuttle, or Fin Crabs (local names).

1. CARCINUS.

Carcinus, *Leach*, *Linn. Trans.* xi. p. 314.
Corystes (subg. Carcinus), *Haan, Faun. Jap.* p. 13.
Cancer, *Auct.*

1. Carcinus Mænas. Common Shore-Crab.

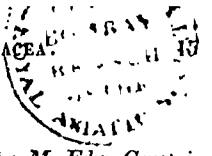
Cancer Mænas, *Linn. Faun. Suec.* p. 2026; *Syst. Nat.* p. 1043, 22; *Penn. Brit. Zool.* iv. p. 3, edit. 1777, t. 2, f. 5; *Herbst*, i. t. 7, f. 46; *Blainv. Faune Franç.* t. 1, f. 1.
Portunus mænas, *Leach*, *Ed. Enc.* vii. p. 390.
Corystes (Carcinus) mænas, *Haan, Faun. Jap.* p. 13.
Carcinus mænas, *Leach*, *Ed. Enc.* p. 429; *Linn. Trans.* xi. p. 314; *Mal. Pod. Brit.* t. v. f. 1—7; *M. Edw. Crust.* i. p. 434; *Bell, Brit Crust.* p. 76; *Gould, Inv. Mass.* p. 321, 2; *Dekay, Zool. N. York.* vi. p. 8; *Lucas, Expl. Alger.* p. 13.
Var.? C. granulatus, *Say, Journ. Acad. Sc. Phil.* i. p. 61.

British Coast, everywhere.

a—*s*. Sandgate, Kent. From old collection.
t—*v*. Cornwall. Presented by D. W. Mitchell, Esq.
x. Var. Brighton. Presented by Mr. W. Wing.

2. PORTUMNUS.

Portumnus, *Leach*, *Ed. Enc.* vii. p. 391.
Platyonichus, *Latr. N. Dict. d'Hist. Nat.*; *Enc. Meth.* x. p. 151.
Corystes (subg. Platyonichus), *Haan, Faun. Jap.* p. 12.
Cancer, pt. *Penn.*



4. PORTUNUS LONGIPES?

Portunus longipes, *Risso, Crust. Nice.* t. 1, f. 5 ; *M. Edw. Crust.* i. p. 444.
Portunus infractus, *Otto. Acad. Nat. Cur.* xiv. t. 20, f. 1.
a. Cornwall. Presented by W. P. Cocks, Esq.

5. PORTUNUS DEPURATOR.

Cancer depurator, (?) *Linn. Syst. Nat.* p. 1043, 23.
Cancer depurator, var., *Penn. Brit. Zool.* edit. 1777, t. ii. iv. f. 6, p. 4.
Portunus depurator, *Leach, Ed. Enc.* vii. p. 390 ; *Linn. Trans.* xi. p. 317; *Mal. Pod. Brit.* t. ix. f. 1, 2; *Bell, Brit. Crust.* p. 101.
Portunus plicatus, *Risso, Crust. Nice.* p. 29 ; *Hist. Nat. de l'Eur. Mérid.* v. p. 3 ; *M. Edw. Crust.* i. p. 442; *Lucas, Expl. Alger.* p. 14.
a—p. S. England. From the collections of Col. Montagu and Dr. Leach.
q. Sussex. Presented by J. E. Gray, Esq.

6. PORTUNUS MARMOREUS. Marbled Fin-Crab.

Portunus marmoreus, *Leach, Ed. Enc.* vii. p. 390; *Mal. Pod. Brit.* t. viii. f. 1—6; *Samouelle, Ent. U. Comp.* p. 85 ; *M. Edw. Crust.* i. p. 442 ; *Bell, Brit. Crust.* p. 105.
Cancer (*pinnatus*) marmoreus, *Montagu's MSS.* ; *Leach, l. c.*
a—e. Falmouth.
f.—g. S. Devon, between Torcross and the R. Ex. From the collections of Col. Montagu and Dr. Leach.

7. PORTUNUS HOLSATUS.

Portunus holsatus, *Fabr. Ent. Syst. Suppl.* p. 336; *Haan, Faun. Jap.* p. 9 ; *M. Edw. Crust.* i. p. 442 ; *Bell, Brit. Crust.* p. 109.
Portunus lividus, *Leach, Mal. Pod. Brit.* t. ix. f. 3—4.
a—d. Sandgate. From the collection of Col. Montagu.
e. Firth of Forth (Newhaven).

8. Portunus pusillus.

Portunus pusillus, *Leach, Linn. Trans.* xi. p. 318; *Mal. Pod. Brit.* t. ix. f. 5—8; *Haan, Faun. Jap.* p. 9; *M. Edw. Crust.* i. p. 444; *Bell, Brit. Crust.* p. 112.
Portunus maculatus, *Risso, Hist. Nat. Eur. Mér.* v. p. 5; *Roux, Crust. Med.* t. xxxi.

a—n. South Coast of Devon and Firth of Forth. From the collections of Col. Montagu and Dr. Leach.

Tribe 3. *CATOMETOPITA.*

Catometopes, *M. Edw. Crust.* ii. p. 1.
Canceriformes ou Carcinoides, pt. *Dumeril, Zool. Anal.* p. 181 (1806).
Quadrilatera, *Latr. Fam. Nat.* p. 269 (1825).
Cancroidea, pt. *Hann, Faun. Jap.* p. 1 (1833).

Fam. I. PINNOTHERIDÆ.

Pinnotheridæ, *Bell, Brit. Crust.* p. 119.
Pinnothériens, *M. Edw. Crust.* ii. p. 28.
Cancerides vigiles, pt. *Latr. Gen. Cr. et Ins.* i. p. 34.
Ocypodaidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 86.
Pinnotheridea, *Haan, Faun. Jap.* p. 5.

Pea-Crabs (local name).

1. PINNOTHERES.

Pinnotheres, *Latr. Hist. Nat. Crust.* vi. p. 78.
Cancer, pt.. *Penn.*

1. Pinnotheres Pisum. Common Pea-Crab.

Cancer Pisum, *Penn. Brit. Zool.* edit. 1777, iv. t. 1, f. 1, p. 1; *Herbst*, i. p. 95, t. 2, f. 21; *Fabr. Ent. Syst. Suppl.* p. 343.

Pinnotheres Pisum, *Latr. Hist. Nat. des Crust.* vi. p. 83; *Leach, Mal. Pod. Brit.* t. xiv. f. 2, 3 (fem.); *W. Thompson, F.L.S. Ent. Mag.* iii. pp. 85—90, f. 3 (1 & 2 *Zoe. of Pinnotheres*); *Haan, Faun. Jap.* p. 35; *M. Edw. Crust.* ii. p. 31; *Bell, Brit. Crust.* p. 121.

Pinnotheres Cranchii, *Leach, Mal. Pod. Brit.* t. 14, f. 4, 5 (fem.); *Samouelle, Ent. U. Comp.* p. 87; *Haan, Faun. Jap.* p. 35.

Pinnotheres Latreillii, *Leach, l. c.* f. 6, 7, 8 (mas. immat.?); *Haan, Faun. Jap.* p. 35.

Pinnotheres varians, *Leach, l. c.* f. 9, 10, 11 (mas.).

Cancellus mytulorum, *Baster, Opuscula Subseciva*, ii. 46, t. 4, f. 1, 2.

British Coast.

a—n. Scotland, Ireland, and England. From the collections of Col. Montagu and Dr. Leach.

o—p. Cornwall. Presented by D. W. Mitchell, Esq.

2. Pinnotheres veterum. Pinna Pea-Crab.

Pinnotheres veterum, *Bosc, Hist. Nat. des Crust.* i. p. 243; *Leach, Mal. Pod. Brit.* t. xv. f. 1—5; *Haan, Faun. Jap.* p. 35; *M. Edw. Crust.* ii. p. 32, t. 19, f. 7, 8; *Bell, Brit. Crust.* p. 126; *Lucas, Expl. Alger.* p. 17.

Pinnotheres Pinnæ, *Leach, Ed. Enc.* vii. p. 431; *W. Thompson, F.L.S. Ent Mag.* iii. p. 89.

Pinnotheres Montagui, *Leach, Mal. Pod. Brit.* t. xv. f. 6; *Haan, Faun. Jap.* p. 35; *M. Edw. Crust.* p. 32.

Pinnotheres modioli, *Leach, Ed. Enc.* vii. p. 431.

a—d. Salcombe and Kingsbridge Estuaries, in the shells of Pinna ingens, Mytilus modiolus, and Ostrea edulis. From the collections of Col. Montagu and Mr. Cranch.

Fam. II. GONOPLACIDÆ.

Gonoplacidæ, *Macleay, Ill. Annulosa, S. Afr.* p. 63; *Bell, Brit. Crust.* p. 129.

Gonoplaciens, *M. Edw. Crust.* ii. p. 56.

Ocypodaidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 86.

Deep Shore Crabs, *Macleay, l. c.*

1. GONOPLAX.

Gonoplax, *Leach*, *Linn. Trans.* xi. 323 (1814, 1815).
Goneplax, pt. *Lam. Hist. An. sans Vert.* v. 254 (1818).
Cancer (subg. Gonoplax), *Haan*, *Faun. Jap.* p. 19.
Ocypoda, pt. *Lam. Syst. An. sans Vert.* p. 150 (1801).

1. GONOPLAX ANGULATA. Angular Crab.

Cancer angulatus, *Penn. Brit. Zool.* iv. pl. 5, f. 10, p. 5; *Fabr. Suppl.* p. 341; *Herbst*, t. 1, f. 13.
Ocypoda angulata, *Bosc*, *Hist. Nat. des Crust.* i. p. 198; *Latr. Hist. Nat. des Crust. &c.* vi. p. 44.
Gonoplax angulata, *Leach*, *Ed. Enc.* vii. p. 430; *M. Edw. Crust.* ii. p. 61; *Couch*, *Cornish Fauna*, p. 72; *Bell*, *Brit. Crust.* p. 130.
Cancer (Gonoplax) angulatus, *Haan*, *Faun. Jap.* p. 20.
Gonoplax bispinosa, *Leach*, *Mal. Pod. Brit.* t. xiii.; *Samouelle*, *Ent. U. Comp.* p. 87.
Gelasimus Bellii, *Couch*, *Cornish Fauna*, p. 73?
Gonoplax rhomboides, *Roux*, *Edwards*, *&c.* var.?

British Coast.
a—j. Plymouth Sound, Salcomb, Weymouth, Anglesea (Red Wharf). From the collections of Col. Montagu and Dr. Leach.
k—l. Cornwall. Presented by D. W. Mitchell, Esq.

FAM. III. GRAPSIDÆ.

Grapsidæ, *Bell*, *Brit. Crust.* p. 132.
Grapsoïdiens, *M. Edw. Crust.* ii. p. 68.

1. PLANES.

Planes, *Leach*, *Bowdich*, *Exc. in Madeira and Porto Santo*; *Bell*, *Brit. Crust.* p. 133.
Nautilograpsus, *M. Edw. Crust.* ii. p. 89.
Grapsus, sp. *Latr.*
Cancer, sp. *Linn.*
Cancellus, *Sloane.*

1. Planes Linnæana. Floating Crab.

Cancellus marinus minimus quadratus, *Sloane, Jam.* ii. p. 270, t. ccxlv. f. 1 ?
Cancer Cantonensis, *Linn. Iter. Westrog.* t. 3, f. 1 ?
Grapsus testudinum, *Roux, Crust. Mediterr.* t. vi. f. 1—6 ?
Cancer minutus, *Fabr. Syst. Ent.* xi. p. 443 ; *Suppl.* 343 ; *Herbst*, i. t. 2, f. 32 ?
Grapsus minutus, *Latr. Hist. Nat. Crust.* vi. p. 68 ?
Grapsus cinereus, *Say, Journ. Acad. Sc. Phil.* p. 99 ?
Nautilograpsus minutus, *M. Edw.* ii. p. 90.
Planes Linnæana, *Leach, MSS. Brit. Mus.; Bell, Brit. Crust.* p. 135.

British Coast (accidental).
a—c. Devonshire? From the collection of Dr. Leach.

Tribe 4. *OXYSTOMATITA.*

Oxystomes, *M. Edw. Crust.* ii. p. 96.
Oxystomata, pt. *Haan, Faun. Jap.* p. 118.
Oxyrynchi, pt. *Latr. Gen. Cr. et Ins.* i. p. 35.
Mucronés ou Oxyrinches, pt. *Dumeril, Zool. Anal.* p. 179.
Orbiculata, pt. *Latr. Fam. Nat.* p. 271.
Trigonostoma, pt. *Macleay, Ill. Annul. S. Afr.* p. 69.

Fam. I. LEUCOSIADÆ.

Leucosiadæ, *Leach, Sam. Ent. U. Comp.* p. 91 ; *Bell, Brit. Crust.* p. 139.
Leucosiens, *M. Edw. Crust.* ii. p. 118.
Leucosidea, *Haan, Faun. Jap.* p. 129.
Leucosina, *Macleay, Ill. Annul. S. Afr.* p. 70.

1. EBALIA.

Ebalia, *Leach, Zool. Misc.* iii.
Cancer, sp. *Penn.*

1. EBALIA TUBEROSA. Pennant's Nut-Crab.

Cancer tuberosus, *Penn. Brit. Zool.* iv. t. ix. a. f. 19.
Ebalia Pennantii, *Leach, Mal. Pod. Brit.* t. xxv. f. 1—6; *Zool. Misc.* iii. p, 19; *Bell, Brit. Crust.* p. 141.
Ebalia tuberosa, *White, List of Crust. in Brit. Mus.* p. 50.

a—k. Devon (Kingsbridge). From the collections of Col. Montagu and Dr. Leach.

2. EBALIA TUMEFACTA. Bryer's Nut-Crab.

Cancer tumefactus, *Mont. Linn. Trans.* ix. p. 86, t. 11, f, 3 (fœm. auct.).
Ebalia Bryerii, *Leach, Mal. Pod. Brit.* t. xxv. f. 12, 13; *Zool. Misc.* iii. p. 20; *Bell, Brit. Crust.* p. 145.

a—c. Weymouth (deep water). From the collection of Col. Montagu.

3. EBALIA CRANCHII. Cranch's Nut-Crab.

Ebalia Cranchii, *Leach, Mal. Pod. Brit.* t. xxv. f. 7—11; *Zool. Misc.* iii. p. 20; *M. Edw. Crust.* ii. p. 129; *Bell, Brit. Crust.* p. 148.

a—k. Plymouth Sound (deep water). From the collections of Mr. Cranch, Col. Montagu, and Dr. Leach.

FAM. II. CORYSTIDÆ.

Corystidæ, *Leach, Samouelle, Ent. U. Comp.* p. 82 (1819); *Bell, Brit. Crust.* p. 151.
Corystiens, *M. Edw. Crust.* ii. p. 139.
Orbiculata, pt. *Latr. Fam. Nat.* p. 271.
Arcuata, pt. *Latr. Fam. Nat.* p. 270.
Cancroidea, pt. *Haan, Faun. Jap.* p. 1—4 (1833).

1. ATELECYCLUS.

Atelecyclus, *Leach, Linn. Tr.* xi. p. 312.
Cancer (Hippa), *Montagu.*
Corystes (subg. Clorodius), *Haan, Faun. Jap.* p. 13.

1. ATELECYCLUS SEPTEMDENTATUS. The Face-Crab.

Cancer (Hippa) septemdentatus, *Mont. Linn. Trans.* xi. t. 1, f. 1.
Atelecyclus septemdentatus, *Leach*, *Ed. Enc.* vii. p. 430; *Linn. Trans. Soc.* xi. p. 313.
Corystes (Clorodius) 7-dentata, *Haan*, *Faun. Jap.* p. 14.
Atelecyclus heterodon, *Leach*, *Mal. Pod. Brit.* t. ii. f. 1—4; *Samouelle*, *Ent. U. Comp.* p. 83; *Bell*, *Brit. Crust.* p. 153.

Old Man's-Face Crab (local name, Devon).

a—e. Bell Rock, Scotland. Presented by R. Stevenson, Esq., C.E.
f.—k. Coast of Devon. From the collections of Col. Montagu and Dr. Leach.

2. THIA.

Thia, *Leach*, *Linn. Trans.* xi. p. 312.
Corystes (subg. Thia), *Haan*, *Faun. Jap.* p. 14.

2. THIA POLITA. Polished Crab.

Thia polita, *Leach*, *Linn. Trans.* xi. p. 312; *Zool. Misc.* ii. t. 103; *Guer. Icon. R. A. Crust.* t. 2, f. 3; *M. Edw. Crust.* ii. p. 144.
Cancer residuus, *Herbst*, p. 3, 53, t. 48, f. 1 ???
Corystes (Thia) polita, *Haan*, *Faun. Jap.* p. 14.

a. Ireland (Roundstone, Connemara). Presented by Dr. Scouler.

2. CORYSTES.

Corystes, *Latr. Hist. Nat. Crust.* vi. p. 121 (1803).
Corystes (subg. Corystes), *Haan*, *Faun. Jap.* p. 15.
Albunea, sp. *Fabr. Ent. Syst. Suppl.* p. 397.
Cancer, sp. *Penn.*

2. CORYSTES CASSIVELAUNUS. Pennants's Long-armed Crab.

Cancer cassivelaunus, *Penn. Brit. Zool.* edit. 1777, iv. t. 7, p. 5, f. 13; *Herbst*, i. t. xii. f. 72. ♂.
Cancer personatus, *Herbst*, t. xii. f. 71. ♀.
Albunea dentata, *Fabr. Ent. Syst. Suppl.* 398; *Lam. Syst. An. sans Vert.* p. 156.

Corystes dentatus, *Latr. Hist. Nat. Crust. et Ins.* vi. p. 122. ♀.; *M. Edw. Crust.* ii. p. 148; *Cuv. R. A.* (Croch.) t. 23, f. 1; *Couch, Cornish Fauna*, p. 74.
Corystes personatus, *Guerin, Icon. R. A. Crust.* t. 6, f. 3.
Corystes (Corystes) dentata, *Haan, Faun. Jap.* p. 15.
Corystes cassivelaunus, *Leach, Ed. Enc.* vii. p. 395; *Mal. Pod. Brit.* t. 1, f. 1—5; *Samouelle, Ent. U. Comp.* p. 83; *Bell, Brit. Crust.* p. 159.
Corystes longimanus, *Latr. Gen. Cr. et Ins.* i. 40. ♂.

a—g. Devonshire Coast. From the collections of Col. Montagu and Dr. Leach.
h. Sussex. Presented by J. E. Gray, Esq.

Sub-order II. DECAPODA ANOMOURA.

Anomoures, *M. Edw. Crust.* ii. p. 163.
Kleistagnatha, pt. *Fabr. Ent. Syst. Suppl.* p. 307, (1798).
Exochnata, pt. *Fabr. Ent. Syst. Suppl.* p. 372 (1798).

Tribe 1. *APTERURITA.*

Apterures, *M. Edw. Crust.* ii. p. 168.
Dromiacea, pt. *Haan, Faun. Jap.* p. 102.
Carcinoides, pt. *Dumeril, Zool. Anal.*
Trigonostoma, pt. *Macleay, Ill. Annulosa S. Afr.* p. 69.

Fam. I. DROMIADÆ.

Dromiens, *M. Edw. Crust.* ii. p. 168.
Cancerides littorales, *Latr. Gen. Cr. et Ins.* i. p. 27.
Notopoda, pt. *Latr. Fam. Nat.* p. 273.
Dromiina, *Macleay, Ill. Annulosa S. Afr.* p. 71.

1. DROMIA.

Dromia, *Fabr. Ent. Syst. Suppl.* p. 359.
Cancer, sp. *Linn.*

1. DROMIA VULGARIS. Sponge-Crab.

Dromia vulgaris, *M. Edw. Crust.* ii. p. 173, t. 21, f. 5—8; *Cuv. R. A.* (Croch.) t. 40, f. 1; *Newman, Zoologist*, 1848, p. 2325.
Cancer Dromia, *Olivi, Zool. Adr.* p. 45.
Dromia Rumphii, *Desm. Cons.* p. 137; *Blainv. Faune Franç.* t. 7, f. 1.
Dromia mediterranea, *Leach, Grgy, Zool. Journ.* i. p. 419.
Cancer caput-mortuum, *L.?*

a. Billingsgate Market, among Oysters, from Whitstable, Essex. Presented by J. E. Gray, Esq., 1825; also found at Beachy-head, Sussex, by G. Ingall, Esq., 1848.

FAM. II. LITHODIADÆ.

Lithodiadæ, *Leach, Sam. Ent. U. Comp.* p. 90.
Homoliens, *M. Edw. Crust.* ii. p. 180.
Homoladæ, *Bell, Brit. Crust.* p. 163.
Oxyrynchi, pt. *Latr. Gen. Crust. et Ins.* i. p. 39.
Trigona, pt. *Latr. Fam. Nat.* p. 272.

1. LITHODES.

Lithodes, *Latr. Gen. Cr. et Ins.* i. p. 39 (1806).
Parthenope, sp. *Fabr.*
Inachus, sp. *Fabr.*
Cancer, sp. *Linn.*

1. LITHODES MAJA. Northern Stone-Crab.

Cancer maja, *Linn. Syst. Nat.* p. 1046, 41; *Herbst*, i. t. xv. f. 87, p. 219.
Cancer horridus, *Penn. Brit. Zool.* iv. p. 6, pl. viii. f. 14.
Parthenope maia, *Fabr. Ent. Syst. Suppl.*
Inachus maia, *Fabr. Suppl.* p. 358.
Cancer spinosus, *Ascanius, Icon.* iv. p. 6, t. 40.
Maia vulgaris, *Latr. Hist. Nat. Crust.* vi. p. 96.
Lithodes arctica, *Latr. Gen. Crust. et Ins.* i. p. 40; *M. Edw. Crust.* ii. p. 186; *Guer. Icon. R. A.* t. 12, f. 1; *De Kay, Zool. New York*, pt. 6, p. 17, t. 6, f. 11.
Lithodes maia, *Leach, Linn. Trans.* xi. p. 332; *Mal. Pod. Brit.* t. xxiv. f. 1—4; *Bell, Brit. Crust.* p. 165.

Trold Krabe, *Pontopp. Norg.* ii. p. 276 (tab.) 1753.

a, *b*. Yorkshire Coast. From the collection of Dr. Leach.
c. Firth of Forth (young), from the Stomach of a Cod. Presented by Dr. Patrick Neill.

Tribe 2. *PTERYGURITA.*

Pterygures, *M. Edw. Crust.* ii. p. 199.
Macroura, pt. *Latr. Fam. Nat.* p. 274.
Macrouri, pt. *Latr. Gen. Crust. et Ins.* i. p. 44 (1806).

Fam. I. PAGURIDÆ.

Paguridæ, *Leach, Sam. Ent. U. Comp.* p. 91.
Pagurii, *Latr. Fam. Nat.* p. 276.
Paguriens, *M. Edw. Crust.* ii. p. 209.

1. PAGURUS.

Pagurus, *Fabr. Ent. Syst. Suppl.* p. 388 (1798).
Cancellus, *Swammerdam.*
Astacus, sp. *Degeer.*
Cancer, sp. *Linn.*

Hermit-Crabs (local name).
Soldier Crabs (local name).

1. Pagurus Bernhardus. Common Hermit-Crab.

Cancer Bernhardus, *Linn. Syst. Nat.* p. 1049, 57; *Herbst*, ii. p. 14, t. 22, f. 6.
Astacus Bernhardus, *Penn. Brit. Zool.* (edit. 1777) iv. t. xvii. f. 38, p. 18; *Degeer, Mem.* vii. p. 405, t. 23, f. 3—12.
Pagurus Bernhardus, *Fabr. Ent. Syst. Suppl.* p. 411; *Ann. Sc. Nat. 2me ser.* vi. p. 266; *M. Edw. Crust.* ii. p. 215; *Cuv. R. A.* (Croch.) t, 44, f. 2; *Bell, Brit. Crust.* p. 171.
Pagurus streblonyx, *Leach, Mal. Pod. Brit.* t. xxvi. f. 1—4.
Var., *Owen, Beechey's Voyage, Zool.* p. 81.
——— ? *Reaum. Acad. Vienne*, 1710, p. 464, t. 10.

a—*l*. Young. British Coast, in Shells.
m. Ilfracombe. From the collection of Col. Montagu.
n. Var. Plymouth, near the two Coves.
o—*q*. Devonshire. From the collections of Col. Montagu and Dr. Leach.
r. Young. Presented by Mr. Hield.
s—*z*. Cork. "Zoe of Pagurus Bernhardus." Presented by J. V. Thompson, Esq.

2. Pagurus Prideauxii. Prideaux's Hermit-Crab.

Pagurus Prideaux, *Leach, Mal. Pod. Brit.* t. xxvi. f. 5, 6.
Pagurus Prideauxii, *M. Edw. Crust.* ii. p. 216; *Ann. Sc. Nat. 2me ser.* vi. p. 268; *Bell. Brit. Crust.* p. 175; *Lucas, Expl. Alger.* p. 28.
Pagurus solitarius, *Risso, H. N. Eur. Mer.* v. 40; *Roux, Crust. Med.* t. 36.

a—*f*. Plymouth Sound. Presented by C. Prideaux, Esq.
g—*l*. Plymouth Sound. From the collections of Col. Montagu and Dr. Leach.
m—*n*. Cornwall. In Halichondria suberica. Presented by W. P. Cocks, Esq.

3. Pagurus cuanensis.

Pagurus cuanensis, *Thompson, Rep. Faun. Irel.* (*Report of the Brit. Assoc.* 1843, p. 267); *Bell, Brit. Crust.* p. 178.
Pagurus spinimanus, *Lucas, Expl. Alger.* t. 3, f. 3?

Ireland, Portaferry, and Bangor Bay. (W. Thompson, Esq.)
Belfast Bay. (Dr. Drummond).

4. Pagurus ulidianus.

Pagurus ulidiæ, *W. Thompson, Rep. Faun. Irel. l. c.*
Pagurus ulidianus, *Thompson; Bell, Brit. Crust.* p. 180.

Ireland, Portaferry. (W. Thompson, Esq.)

5. Pagurus Hyndmanni.

Pagurus Hyndmanni, *W. Thompson, Rep. Faun. Irel.; Bell, Brit. Crust.* p. 182.

Ireland, Portaferry. (W. Thompson, Esq.)
Belfast Bay. (Mr. Drummond).

6. Pagurus lævis.

Pagurus lævis, *Thompson, Rep. Faun. Irel.; Bell, Brit. Crust.* p. 184.
Var.? Pagurus arenarius, *Lucas, Expl. Alger.* t. 3, f. 7?
Ireland, Portaferry. (W. Thompson, Esq.)
Cornwall, Falmouth. (W. P. Cocks, Esq.)

7. Pagurus Forbesii.

Pagurus Forbesii, *Bell, Brit. Crust.* p. 186.
Var.? Pagurus sculptimanus, *Lucas, Expl. Sc. Alger.* t. 3, f. 6?
a. Cornwall (Falmouth). Presented by W. P. Cocks, Esq.

Fam. II. PORCELLANIDÆ.

Porcellanieus, *M. Edw. Crust.* ii. p. 246.
Galathinæ, pt. *Latr. Fam. Nat.* p. 278.
Galateadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 92.

1. PORCELLANA.

Porcellana, *Lam. Syst. An. sans Vert.* p. 153 (platycheles), 1801.
Cancer, sp. *Penn.*
Porcellana, sp. *Leach, Dict. Sc. Nat.* xviii. (platycheles).
Pisidia, sp. *Leach, Dict. Sc. Nat.* xviii. (longicornis).

1. Porcellana platycheles.

Cancer platycheles, *Penn. Brit. Zool.* (edit. 1777) iv. pl. vii. f. 12, p. 5; *Herbst.* t. ii. f. 6.
Porcellana platycheles, *Lam. An. sans Vert.* v. p. 230; *Leach, Dict. Sc. Nat.* xviii. p. 55; *Desm. Cons.* p. 195, t. 34, f. 1; *M. Edw. Hist. Crust.* ii. p. 255; *Bell, Brit. Crust.* p. 190; *Lucas, Expl. Alger.* p. 34.
Cancelli spec. tert., *Baster, Opusc. Subsec.* ii. p. 46, t. 4, f. 3.
a—o. English Coast. From the collections of Col. Montagu and Dr. Leach.
p.—t. Cornwall (Looe). Presented by D. W. Mitchell, Esq.
u—z. Cornwall. Presented by W. P. Cocks, Esq.

2. Porcellana longicornis.

Cancer longicornis, *Penn. Brit. Zool.* iv. p. 3, pl. 1, f. 3; *Herbst.* ii. t. xlvii. f. 3.
Cancer longicornis, *Linn. Syst. Nat.* p. 1040, 10; *Seb. Thes.* iii. t. 17, f. 1—4.
Pisidia Linnæana, *Leach, Dict. Sci. Nat.* xviii. p. 54.
Porcellana Leachii, *Gray, Zool. Misc.* p. 15.
Porcellana longicornis, *M. Edw. Crust,* ii. p. 257; *Bell, Brit. Crust.* p. 193; *Lucas, Expl. Alger.* p. 34.

a—*o*. British Coast. From the collections of Col. Montagu and Dr. Leach.

APPENDIX TO BRACHYURA AND ANOMOURA.

Larva or Young of some Species of Crab.

Megalopa, *Leach, Ed. Enc.* vii. p. 431.
Megalopidea, pt. *Haan, Faun. Jap.* p. 148.

1. Megalopa rhomboidalis, *Leach, Ed. Enc.*
Cancer granarius, *Herbst.* ?
Cancer rhomboidalis, *Montagu, Linn. Trans.* vii p. 65, t. 6, f. 1.
Megalopa Montagui, *Leach, Mal. Pod. Brit.* t. 16, f. 1—6; *Desm. Cons.* p. 201; *M. Edw. Crust.* ii. p. 262.

a. S. Devon. From the collection of Col. Montagu.
b, *c*. Torbay, Devon. Presented by J. Bulwer, Esq.

2. Megalopa armata, *Leach, Mal. Pod. Brit.* t. 16, f. 7—9; *Desm. Cons.* p. 201; *M. Edw. Crust.* ii. p. 262.

a, *b*. Bigbury Bay (Devon). Presented by C. Prideaux, Esq.

Sub-order III. DECAPODA MACROURA.

Macroura, pt. *Latr. Fam. Nat.* p. 274.
Exochnata, pt. *Fabr. Ent. Syst.* p. 372 (1798).
Decapodes macroures, *M. Edw. Crust.* ii. p. 265.
Macrouri, pt. *Latr. Gen. Crust. et Ins.* i. p. 44.
Longicaudes ou Macroures, *Dumeril, Zool. Anal.* p. 183 (1806).
Pinnicaudes, *Latr. Fam. Nat.* p. 277, 1825.

Tribe 1. *ASTACITA.*

Les Astaciens, *Lam. Hist. Nat. An. sans Vert.* v. p. 207.
Macroures cuirasses, *M. Edw. Crust.* ii. p. 270.

Fam. I. GALATHEIDÆ.

Galathinæ, pt. *Latr. Fam. Nat.* p. 278.
Galathéides, *M. Edw. Crust.* ii. p. 270.
Palinurini, II. *Latr. Gen. Crust. et Ins.* i. p. 48.
Galateadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 92.

1. GALATHEA.

Galathea, *Fabr. Ent. Syst. Suppl.* p. 391, 414 (1798).
Galatea, *Leach, Sam. Ent. U. Comp.* p. 93 (1819).
Cancer, sp. *Linn.*

1. Galathea squamifera. Montagu's Plated Lobster.

Cancer (astacus) squamifer, *Montagu, MSS.*
Galathea squamifera, *Leach, Ed. Enc.* vii. p. 398; *Dict. des Sc. Nat.* xviii. p. 51; *Mal. Pod. Brit.* t. xxviii. A.; *M. Edw. Crust.* ii. p. 275; *Couch, Cornish Fauna*, p. 77; *Thomps. Crust. Ireland, l. c.* p. 105; *Bell, Brit. Crust.* p. 197.

Galathea Fabricii, *Leach, Linn. Trans.* xi. p. 340; *Enc. Brit. Suppl.* t. 21.

a—g. South Coast of Devon. From the collection of Col. Montagu.
h. Sussex. Presented by J. E. Gray, Esq.
j—k. Cornwall (Falmouth). Young. Presented by W. P. Cocks, Esq.

2. Galathea strigosa. Common Plated Lobster.

Cancer strigosus, *Linn. Syst. Nat.* p. 1053; *Herbst*, ii. p. 50, t. xxvi.
Astacus strigosus, *Penn. Brit. Zool.* (edit. 1777) iv. pl. xiv. f. 26, p. 15.
Galathea strigosa, *Fabr. Ent. Syst. Suppl.* p. 414; *Latr. Gen. Crust. Ins.* i. p. 49; *Leach, Ed. Enc.* vii. p. 398; *Roux, Crust. Med.* t. 16; *Guerin, Icon. R. A.* t. 17, f. 3; *M. Edw. Crust.* ii. p. 273; *Cuv. R. A.* (Crocb.) t. 47, f. 1; *Bell, Brit. Crust.* p. 200; *Lucas, Expl. Alger.* p. 35.
Galathea spinigera, *Leach, Linn. Trans.* xi. p. 340; *Mal. Pod. Brit.* xxviii. B.

a—f. S. Coast of England. From the collections of Col. Montagu and Dr. Leach.

3. Galathea nexa. Embleton's Plated Lobster.

Galathea nexa, *Embleton, in Proceed. Berwickshire Naturalists' Club.* i. t. f.; *Thompson, An. Nat. Hist.* xx. p. 255; *Bell, Brit. Crust.* p. 204.

a—d. Falmouth, Cornwall. Presented by W. P. Cocks, Esq.
Northumberland Coast. (Dr. Embleton).
Ireland, Coasts of Down and Antrim. (W. Thompson, Esq.)
Scotland, Loch Fyne. (R. M'Andrew, Esq.)
Shetland. (Prof. E. Forbes).

2. MUNIDA.

Munida, *Leach, Dict. Sc. Nat.* xviii. p. 52; *Desm. Cons.* p. 191.
Astacus, pt. *Penn.*
Galathea, pt. *Fabr.*

1. MUNIDA BAMFFIA. Long-clawed Lobster.

Astacus Bamffius, *Penn. Brit. Zool.* (edit. 1777) iv. t. xiii. f. 25, p. 14.
Cancer Bamfficus, *Herbst*, ii. t. xxvii. f. 3. (*Copied from Pennant*).
Galathea rugosa, *Fabr. Suppl.* p. 415, 2; *Latr. Hist. Nat. Crust. et Ins.* vi. p. 198; *Leach, Mal. Pod. Brit.* t. xxix.; *M. Edw. Crust.* ii. p. 274.
Galathea longipeda, *Lamarck, Syst. des Anim. sans Vert.* p. 158 (1801).
Galathea Bamffia, *Leach, Ed. Enc.* vii. p. 398.
Munida rugosa, *Leach, Dict. des Sci. Nat.* xviii. p. 52.
Leo, *Rondelet. Poiss.* p. 390.
Munida Rondeletii, *Bell, Brit. Crust.* p. 208 (1847).
a—c. Plymouth Sound. Presented by C. Prideaux, Esq.

FAM. II. SCYLLARIDÆ.

Scyllarides, *Latr. Fam. Nat.* p. 278 (1825).
Scyllariens, *M. Edw. Crust.* ii. p. 279.
Scyllaroidea, *Haan, Faun. Jap.* p. 151.
Palinurini, I. *Latr. Gen. Crust. et Ins.* i. p. 47 (1806).

1. SCYLLARUS.

Scyllarus, *Fabr. Syst. Ent.* p. 413 (arctus), 1775.
Cancer, sp. *Linn.*

1. SCYLLARUS ARCTUS. The Broad Lobster.

Scyllarus arctus, *Fabr. Ent. Syst. Suppl.* p. 399; *Risso, Crust. Nice*, p. 61; *Roux, Crust. Med.* t. 11; *M. Edw. Crust.* ii. p. 282; *Cuv. R. A.* (Croch.) t. 45, f. 1; *Lucas, Expl. Alger.* p. 35.
Cancer arctus, *Linn. Syst. Nat.* p. 1053, 75; *Faun. Suec.* p. 2040; *Lund. Kiob. Nat. Selsk.* ii. p. 21.
Cancer (astacus) ursus minor, *Herbst*, ii. p. 83 t. 30, f. 2.
Hab. "Found by Dr. Borlase, on Careg Killas, in Mount's Bay, Cornwall," *Penn. Brit. Zool.* iv. p. 14.

Fam. III. PALINURIDÆ.

Palinuridæ, *Leach, Sam. Ent. U. Comp.* p. 92.
Palinuridea, *Haan, Faun. Jap.* p. 156.
Langoustiens, *M. Edw. Crust.* ii. p. 289.
Palinurini, I. *Latr. Hist. Nat. Crust.* i. p. 46.
Palinurini, *Latr. Fam. Nat.* p. 278.

1. PALINURUS.

Palinurus, *Fabr. Ent. Syst. Suppl.* p. 376—400 (1798).
Astacus, sp. *Olivi.*
Cancer, sp. *Linn.*
Locusta, *Belon.*
Καράβος, *Aristotle.*

1. Palinurus homarus. Spiny Lobster.

Cancer Homarus, *Linn. Syst. Nat.* p. 1053, 74.
Cancer (Astacus) Homarus, *Penn. Brit. Zool.* (edit. 1777) iv. t. xi. f. 22, p. 13.
Palinurus quadricornis, *Fabr. Suppl.* p. 401 ; *Latr. Hist. des Crust.* vi. t. lii. f. 3, p. 193.
Palinurus locusta (*Olivi*), *Guerin, Exp. Morée.* p. 32.
Palinurus Homarus, *Leach, Ed. Enc.* vii. p. 397 ; *Linn. Trans.* xi. p. 339.
Palinurus vulgaris, *Latr. Ann. du Mus.* iii. p. 391 ; *R. A.* (*Cuv.*) iv. p. 8 ; *Leach, Mal. Pod. Brit.* t. xxx. ; *M. Edw. Crust.* ii. p. 292 ; *Cuv. R. A.* (Croch). t. 46, f. 1 ; *Bell, Brit. Crust.* p. 213 ; *Lucas, Expl. Alger.* p. 36.

British Coast.
a, *b*. W. Coast of England. From the collections of Col. Montagu and Dr. Leach.
c—*n*. "Larva of Palinurus locusta." Cork. Presented by J. V. Thompson, Esq.

Fam. IV. THALASSINADÆ.

Thalassiniens ou Macroures Fouisseurs, *M. Edw. Crust.* ii. p. 303.
Astacini I., *Latr. Gen. Crust. et Ins.* i. p. 50.
Astacinæ I., *Latr. Fam. Nat.* p. 279.
Astacidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 94.
Astacoidea, pt. *Haan, Faun. Jap.* p. 163.
Thalassinadæ, *Bell, Brit. Crust.* p. 217.

1. CALLIANASSA.

Callianassa, *Leach, Ed. Enc.* vii. p. 400.
Cancer (Astacus), sp. *Montagu.*

1. Callianassa subterranea. Mud-burrower.

Cancer (Astacus) subterraneus, *Mont. Linn. Trans.* ix. t. 3, f. 1, 2, p. 89.
Callianassa subterranea, *Leach, Ed. Enc.* vii. p. 400; *Linn. Trans.* xi. p. 341; *Mal. Pod. Brit.* t. xxxii.; *Guerin, Icon. R. A. Crust.* t. 19, f. 4; *M. Edw. Crust.* ii. p. 309; *Cuv. R. A.* (Croch.) t. 48, f. 3; *Bell, Brit. Crust.* p. 217; *Lucas, Expl. Alger.* p. 37.
Var.? Callianassa laticauda, *Otto. Act. Nat. Cur.* xiv. t. 21, f. 3.
a—d. South Coast of Devon. From the collections of Col. Montagu and Dr. Leach.
e, f. Devon (Kingsbridge Estuary). From the collection of Dr. Leach.

2. AXIUS.

Axius, *Leach, Linn. Trans.* xi. p. 343 (1814—1815).
Axia, *M. Edw. Crust.* ii. p. 310; *Haan, Faun. Jap.* p. 163.

1. Axius Stirynchus.

Axius stirynchus, *Leach, Linn. Trans.* xi. p. 343; *Mal. Pod. Brit.* t. xxxiii.; *Desm. Cons. Crust.* t. xxxvi. f. 1, p. 207; *Guer. Icon. Crust.* t. 18, f. 5; *Bell, Brit. Crust.* p. 228.
Axia stirynchus, *M. Edw. Crust.* ii. p. 311; *Cuv. R. A.* (Croch.), t. 48, f. 2.
a. Devon (Sidmouth). From the collection of Dr. Leach.
b. Devon (Plymouth). From the collection of Col. Montagu.

3. GEBIA.

Gebia, *Leach*, *Mal. Pod. Brit.* (*letter-press to* t. 31).
Upogebia, *Leach*, *Ed. Enc.* vii. p. 402 (Hypogebia).
Gebios, *Risso*, *Hist. Nat. Eur. Mer.*
Thalassina, pt. *Latr. R. A.* iii. (1817).

1. GEBIA STELLATA. Mud-borer.

Cancer (Astacus) stellatus, *Mont. Linn. Trans.* ix. t. iii. f. 5, p. 89.
Gebia stellata, *Leach*, *Ed. Enc.* xi. p. 342; *Mal. Pod. Brit.* t. xxxi. f. 1; *Desm. Cons.* t. 35, f. 2; *M. Edw. Crust.* ii. p. 313; *Bell*, *Brit. Crust.* p. 223.

a, *b*. Plymouth Sound. From the collection of Col. Montagu.
c. Devon (Kingsbridge Estuary). Female. From the collection of Col. Montagu.

2. GEBIA DELTURA.

Gebia deltura, *Leach*, *Mal. Pod. Brit.* t. xxxi. f. 9, 10; *M. Edw. Crust.* ii. p. 314; *Bell*, *Brit. Crust.* p. 225; *Thompson*, *An. Nat. Hist.* xx. p. 239.
Gebia deltaura, *Leach*, *Linn. Trans.* xi. p. 342.
Gebia stellata, var. aut Sex. alt.?

a—*d*. Plymouth Sound. From the collection of Col. Montagu.
e. Devon (Kingsbridge Estuary). Male. From the collection of Dr. Leach.

4. CALOCARIS.

Calocaris, *Bell*, *Brit. Crust.* p. 231 (1847).

1. CALOCARIS MACANDREÆ.

Calocaris Macandreæ, *Bell*, *Brit. Crust.* p. 233.
a. Loch Fyne. Presented by R. M'Andrew, Esq.

Fam. V. ASTACIDÆ.

Astacidæ, pt. *Leach.*
Astaciens, *M. Edw. Crust.* ii. p. 326.
Astacini, I. *Latr. Gen. Crust. et Ins.* i. p. 50.
Astacinæ, II. *Latr. Fam. Nat.* p. 279.
Astacoidea, pt. *Haan, Faun. Jap.* p. 163.

1. POTAMOBIUS.

Potamobius, *Leach, Sam. Ent. U. Comp.* p. 95, 1819 (not *Risso*).
Astacus, *M. Edw. Crust.* ii. p. 329 (1837).
Astacus, pt. *Fabr. Syst. Ent.* p. 413 (1775); *Ent. Syst. Suppl.* p. 382, 406.
Cancer, sp. *Linn. Syst. Nat.*

Craw-Fish or Cray-Fish (local name).

1. Potamobius astacus. Cray-Fish.

Cancer fluviatilis, *Rondel. Poiss.* ii. p. 10.
Astacus fluviatilis, *Gesner, Aldrov. Baster, Opusc. Sub.* ii. t. 1.
Cancer astacus, *Linn. Syst. Nat.* p. 1051; *Degeer, Penn. Brit. Zool.* iv. p. 15, t. 15, f. 27.
Cancer nobilis, *Schrank, Faun. Boic.* iii. p. 246.
Astacus fluviatilis, *Fabr. Ent. Syst. Suppl.* p. 406; *Latr. Hist. Nat. Crust.* v. p. 235; *Guerin, Icon. R. A. Crust.* t. 19, f. 2 (blue variety); *M. Edw. Crust.* ii. p. 330; *Haan, Faun. Jap.* p. 164; *Erichs. Arch.* 1846, p. 90; *Bell, Brit. Crust.* p. 237.
Potamobius fluviatilis, *Leach, Sam. Ent. U. Comp.* p. 95 (not of *Risso, H. N. Eur. Mer.* v. p. 14, which is the Thelphusa fluviatilis).
Var. Cancer Torrentium, *Schrank, Faun. Boic.* iii. p. 247.
Astacus Torrentium, *Koch, Panz. D. Ins.* p. 186, 24.
Var. Astacus saxatilis, *Koch, Panz. D. Ins.* p. 140, 1.
Var. Astacus tristis, *Koch. Panz. D. Ins.* p. 140, 2.

a—*c*. England (near London).
d. Middlesex (New River).
e, *f*. Near London. Presented by Mr. John Doubleday.
g, *h*. Cambridgeshire. Presented by Mr. Joseph Baker.

LIBRARY

2. ASTACUS.

Astacus, *Leach, Sam. Ent. U. Comp.* p. 95 (1819).
Homarus, *M. Edw. Crust.* ii. p. 333 (1837).
Astacus, pt. *Fabr. Ent. Syst. Suppl.* p. 406.
Cancer, pt. *Linn. Syst. Nat.*

1. ASTACUS GAMMARUS. Common Lobster.

Astacus gammarus, *Leach, Ed. Enc.* vii. p. 398; *Sam. Ent. U. Comp.* p. 95.

Cancer gammarus, *Linn. Faun. Suec.* p. 2033; *Syst. Nat.* p. 1050; *Herbst*, ii. p. 42, t. xxv.; *Penn. Brit. Zool.* iv. p. 8, t. 10 f. 21.

Astacus marinus, *Fabr. Ent. Syst. Suppl.* p. 406; *Latr. Hist. Nat. Crust.* vi. p. 233.

Homarus vulgaris, *M. Edw. Crust.* ii. p. 334; *Couch, Cornish Fauna*; *Kroyer, Mon. Hippolyte*, t. 6, f. 133 (embryo); *Bell, Brit. Crust.* p. 242; *Lucas, Expl. Alger.* p. 38.

a—d. Britain. From the collections of Col. Montagu and Dr. Leach.

e—g. "Larvæ of Astacus marinus." Cork Harbour. Presented by J. V. Thompson, Esq.

3. NEPHROPS.

Nephrops, *Leach, Linn. Trans.* xi. p. 344 (1814—1815).
Astacus, pt. *Fabr. Ent. Syst. Suppl.* p. 406.
Cancer, pt. *Linn. Syst. Nat.*

1. NEPHROPS NORVEGICUS. Norway Lobster.

Cancer norvegicus, *Linn. Faun. Suec.* p. 2039; *Syst. Nat.* i. p. 1053; *O. Fabr. Faun. Grœnl.* p. 242; *Herbst*, ii. t. xxvi. f. 3; *Ascanius, Icon.* iv. p. 6, t. 39.

Astacus norvegicus, *Fabr. Syst. Ent.* p. 418; *Penn. Brit. Zool.* (edit. 1777) iv. pl. xii. f. 24, p. 14.

Nephrops norvegicus, *Leach. Ed. Enc.* vii. p. 400; *Linn. Trans.* xi. p. 344; *Mal. Pod. Brit.* t. xxxvi.; *Guerin, Icon.* t. 19, f. 1; *M. Edw. Hist. Nat. Crust.* ii. p. 336; *Bell, Brit. Crust.* p. 251.

Bogstav Hummer, *Pontoppidan, Norg. Naturl. Hist.* ii. p. 276, 279.

a—e. Firth of Forth. From the collection of Dr. Leach.

Tribe 2. *CARIDITA.*

Carides, *Latr. Fam. Nat.* p. 280 (1825).
Salicoques, *M. Edw. Crust.* ii. p. 338.
Astacini, pt. *Latr. Gen. Crust. et Ins.* i. p. 50 (1806).

Fam. VI. CRANGONIDÆ.

Crangoniens, *M. Edw. Crust.* ii. p. 339.
Carides, I. 2 B., *Latr. Fam. Nat.* p. 281.
Macroura, subdiv. ii. *Leach, Linn. Trans.* xi. p. 345.
Palæmonidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 96.

1. CRANGON.

Crangon, *Fabr. Ent. Syst. Suppl.* p. 387, 409; *M. Edw. Crust.* ii. p. 340.
Crangon, pt. *Leach, Mal. Pod.*
Pontophilus, sp. *Leach, Mal. Pod. Brit.*
Egeon, sp. *Risso, Crust. Nice.*
Squilla, pt. *Klein.*
Crago, *Lam. Syst. An. sans Vert.* p. 159 (1801).
Astacus, pt. *Herbst,* ii.
Cancer, pt., *Linn.*

1. Crangon vulgaris. Common Shrimp.

Cancer crangon, *Seba.* iii. t. 21, f. 8.
Astacus crangon, *Herbst,* ii. p. 57, t. xxix. f. 3, 4; *Penn. Brit. Zool.* iv. p. 16, t. 15, f. 30; *Muller, Zool. Dan.* iii. t. 14, f. 4—10; *Seba. Mus.* iii. t. 21, f. 8.
Squilla cinerea, *Klein.*

Crangon vulgaris, *Fabr. Suppl.* p. 410 ; *Latr. Hist. Nat. Crust.* vi. p. 267, t. lv. f. 1, 2 ; *Leach, Mal. Pod. Brit.* t. xxxvii. B. ; *Guerin, Icon. R. A.* (Crust.) t. 20, f. 4 ; *M. Edw. Crust.* ii. p. 341 ; *Cuv. R. A.* (Croch.) t. 51, f. 1 ; *Bell, Brit. Crust.* p. 256.
Crago vulgaris, *Lam. Syst. des Anim. sans Vert.* p. 159.
Le cardon, *Fr.*

a—c. Mouth of the Thames.
d. Bridgewater. Presented by W. Baker, Esq.
e. "Larva." Cork. Presented by J. V. Thompson, Esq.

3. Crangon fasciatus. Banded Shrimp.

Crangon fasciatus, *Risso, Crust. Nice*, t. iii. f. 5, p. 82 ; *Hist. Eur. Merid.* v. p. 64 ; *M. Edw. Crust.* ii. p. 342 ; *Bell, Brit. Crust.* p. 259 ; *Lucas, Expl. Alger.* p. 38.

Devonshire, Salcombe Bay. (J. Alder, Esq.)

3. Crangon spinosus. Spiny Shrimp.

Crangon spinosus, *Leach, Linn. Trans.* xi. p. 346; *Lam. Hist. Nat. des Anim. sans Vert.* v. p. 202; *Bell, Brit. Crust.* p. 261.
Pontophilus spinosus, *Leach, Mal. Pod. Brit.* t. xxxvii. A.
Crangon cataphractus (part), *Edw. Hist. des Crust.* ii. p. 243 ; *Cuv. R. A.* (Croch). t. 51, f. 3.
Egeon loricatus, *Guerin, Exp. Morée.* p. 33.

a. Near the Eddystone. Presented by C. Prideaux, Esq.
b. Off Falmouth. From the collection of Mr. Cranch.
Shetland. (Prof. Forbes and R. M'Andrew, Esq.)

5. Crangon sculptus. Bell's Shrimp.

Crangon sculptus, *Bell, Brit. Crust.* p. 263.

Weymouth. (J. S. Bowerbank, Esq.)

6. Crangon trispinosus. Hailstone's Shrimp.

Pontophilus trispinosus, *Hailstone, Mag. of Nat. Hist.* viii. p. 261, f. 25.
Crangon trispinosus, *Bell, Brit. Crust.* p. 265.

Hastings. (Mr. Hailstone).

7. CRANGON BISPINOSUS. Westwood's Shrimp.

Pontophilus bispinosus, *Westwood; Hailstone, Mag. Nat. Hist* viii. p. 11, 13, f. 30.
Crangon bispinosus, *Bell, Brit. Crust.* p. 268.
Hastings.

FAM. VII. ALPHEIDÆ.

Alphéens, *M. Edw. Crust.* ii. p. 345.
Carides, I. 2 A., *Latr. Fam. Nat.* p. 280.
Macroura, subdiv. 3, pt. *Leach, Linn. Trans.* xi. p. 346.
Palæmonidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 96.

1. ALPHEUS.

Alpheus, *Fabr. Ent. Syst. Suppl.* p. 380, 404.
Palæmon, sp. *Oliv. Enc. Meth.* viii. p. 664; *Wiegm. Arch.* 1836, p. 149.
Asphalius, sp. *Roux, Mem. Sal.* p. 22.
Cryptophthalmus, sp. *Raf. Precis. Som.*
Athanasus, sp. *Audouin, Descript. Crust. Egypt.*

1. ALPHEUS RUBER. Edwards' Red Shrimp.

Alpheus ruber, *M. Edw. Crust.* ii. p. 351; *Cuv. R. A.* (Croch.) t. 3, f. 1; *Bell, Brit. Crust.* p. 271; *Lucas, Expl. Alger.* p. 38.
Cryptophthalmus ruber, *Raf. Prec. Som.*

a. Falmouth (parts of from the Stomach of Haddock). Presented by W. P. Cocks, Esq.

2. NIKA.

Nika, *Risso, Crust. Nice.*
Processa, *Leach, Mal. Pod. Brit.* t. 41.

1. NIKA EDULIS. Risso's Shrimp.

Nika edulis, *Risso, Crust. Nice*, p. 85, t. iii. f. 3; *Hist. Eur. Mer.* v. p. 72; *Roux, Crust. Medit.* t. xlv.; *Lam. Hist. Anim. sans Vert.* v. p. 203; *Desm. Cons.* p. 230; *M. Edw. Crust.* ii. p. 364; *Cuv. R. A.* (Croch.) t. 52, f. 1; *Bell, Brit. Crust.* p. 275.

Processa canaliculata, *Leach, Mal. Pod. Brit.* t. xli.
Processa edulis, *Latr. Cuv. R. A.* (2 edit.) iv. p. 95.
Nika canaliculata, *Desm. Cons.* t. xxxix. f. 4.

a. Devon (Torcross). From the collection of Col. Montagu.
b. Bognor. Presented by Prof. Bell.
South of Ireland. W. Thompson, Esq.

2. Nika Couchii. Couch's Shrimp.

Nika Couchii, *Bell, Brit. Crust.* p. 278.

a. Cornwall. Presented by J. Couch, Esq., F.L.S.

3. ATHANAS.

Athanas, *Leach, Ed. Enc.* vii. p. 432, app.; *Linn. Trans.* xi. p. 349.
Palæmon, sp. *Leach, Ed. Enc.* vii. p. 401.
Cancer (Astacus), *Montagu, MSS.*

1. Athanas nitescens. Montagu's Shrimp.

Cancer (Astacus) nitescens, *Montagu, MSS.*
Palæmon nitescens, *Leach, Ed. Enc.* vii. p. 401.
Athanas nitescens, *Leach, Ed. Enc.* vii. p. 432; *Linn. Trans.* xi. p. 349; *Enc. Brit. Suppl.* i. p. 401; *Mal. Pod. Brit.* t. xliv.; *Desm. Cons.* p. 240, t. 39, f. 5; *Guerin, Icon. R. A.* t. 22, f. 2; *M. Edw. Crust.* ii. p. 366; *Bell, Brit. Crust.* p. 281; *Lucas, Expl. Alger.* p. 41.

a—c. Devon and Cornwall. From the collection of Col. Montagu.
Clare, Ireland. (Prof. Forbes and W. Thompson, Esq.)

Fam. VIII. PALÆMONIDÆ.

Palémoniens, *M. Edw. Crust.* ii. p. 367.
Macroura, subdiv. 3 & 4, pt. *Leach, Linn. Trans.* xi. p. 346, 348.
Astacini, pt. *Latr. Gen. Crust. et Ins.* i. p. 50.
Carides, I. 2 A., *Latr. Fam. Nat.* p. 281.
Palæmonidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 96.

1. HIPPOLYTE.

Hyppolyte, *Leach*, *Linn. Trans.* xi. p. 346.
Hippolyte, *Leach. l. c.* p. 347; *Mal. Pod. Brit.* t. 38, 39.
Hippolytus, *Guerin*, *Exp. Mor.* p. 41.
Cancer, sp. *O. Fabr.*
Palæmon, pt. *Olivi*, *Enc.* viii.
Cancer (Astacus), pt. *Montagu*, *Linn. Trans.* ix. p. 91.
Alpheus, *Latr.*
Caridina, sp. *Joly*, *Ann. Sc. Nat.* 1843.

1. HIPPOLYTE SPINUS. Sowerby's Shrimp.

Cancer spinus, *Sowerby*, *Brit. Misc.* t. xxi.
Alphæus spinus, *Leach*, *Ed. Enc.* vii. p. 431; *Linn. Trans.* xi. p. 347; *Enc. Brit. Suppl.* i. p. 421.
Hippolyte Sowerbæi, *Leach. Mal. Pod. Brit.* t. xxxix.; *Desm. Cons.* p. 223, t. xxxix. f. 1.
Hippolyte Sowerbyi, *M. Edw. Crust.* ii. p. 380.
Hippolyte Sowerbei, *J. C. Ross*, *App. Ross's 2nd Voy.* p. 83, t. B., f. 2; *Kroyer*, *Mon.* p. 96, t. ii. f. 45, 54.
Hippolyte spinus, *Bell*, *Brit. Crust.* p. 284.

a. Firth of Forth (Newhaven). Presented by Dr. Patrick Neill.
Isle of Man. (R. M'Andrew, Esq.)

2. HIPPOLYTE VARIANS. Leach's Shrimp.

Hippolyte varians, *Leach*, *Ed. Enc.* viii. p. 432; *Linn. Trans.* xi. p. 347; *Enc. Brit. Suppl.* i. p. 421; *Mal. Pod. Brit.* t. xxxviii. f. 6—16; *M. Edw. Crust.* ii. p. 371; *Bell*, *Brit. Crust.* p. 286.

a—d. Coasts of Devon and Cornwall. From the collection of Col. Montagu.
Ireland (Down, Connemara, Dublin).

3. HIPPOLYTE CRANCHII. Cranch's Shrimp.

Hippolyte Cranchii, *Leach*, *Mal. Pod. Brit.* t. xxxviii, f. 17—21; *M. Edw. Crust.* ii. p. 376; *Couch*, *Cornish Fauna*; *Bell*, *Brit. Crust.* p. 288; *Lucas*, *Expl. Alger.* p. 44.

a, *b.* Kingsbridge Estuary. From the collection of Mr. John Cranch.

4. HIPPOLYTE PRIDEAUXIANA. Prideaux's Shrimp.

Hippolyte Prideauxiana, *Leach*, *Mal. Pod. Brit.* t. 38, f. 1 ; *Desm. Cons.* p. 221 ; *M. Edw. Crust.* ii. p. 372.

a. Devon (Bantham). Presented by C. Prideaux, Esq.

5. HIPPOLYTE MOORII. Moor's Shrimp.

Hippolyte Moorii, *Leach*, *Mal. Pod. Brit.* t. 38, f. 2 ; *Desm. Cons.* p. 221 ; *M. Edw. Crust.* ii. p. 372.

a. Plymouth Sound. Presented by C. Prideaux, Esq.

2. DIENECIA.

Dienecia, *Westw. Mag. Nat. Hist.* viii.
An genus distinctum ?

1. DIENECIA RUBRA.

Dienecia rubra, *Westw. Mag. Nat. Hist.* viii. p. 552.
? Hippolyte ? rubra, *Westw. Mag. Nat. Hist.* viii. p. 272, f. 31.

Hastings.

3. PANDALUS.

Pandalus, *Leach*, *Mal. Pod. Brit.* t. 40 ; *Ed. Enc.* vii. p. 432.
Astacus, pt. *Fabr.*
Pontophilus, sp. *Risso*, *Eur. Mer.* v.

1. PANDALUS MONTAGUI. Ringed-horned Shrimp.

Pandalus annulicornis, *Leach*, *Mal. Pod. Brit.* t. 40 ; *Lam. Hist. An. sans Vert.* v. p. 203 ; *Desm. Cons.* p. 220, t. 38, f. 2 ; *M. Edw. Crust.* ii. p. 384 ; *Kroyer*, *Gaim. Voy. Scand. Lap.* t. 6, f. 3, *a—e*.

Pandalus Montagui, *Leach*, *Ed. Enc.* vii. p. 432 (*Crustaceology*, *app.*).

Astacus maculatus, *Montagu*, *MSS.* ; *Leach*, *l. c.* p. 432.

a, *b*. Norfolk (Yarmouth). From the collection of Dr. Leach.
c. Devon. From the collection of Col. Montagu.
d. Scotland, Zetland. Presented by Dr. Fleming.

4. PALÆMON.

Palæmon, *Fabr. Ent. Syst. Suppl.* p. 378, 402.
Squilla, pt. *Baster.*
Cancer, pt. *Linn.*
Astacus, pt. *Penn. Brit. Zool.*
Melicerta, pt. *Risso, Crust. Nice.*

1. PALÆMON SERRATUS. Common Prawn.

Palæmon serratus, *Fabr. Ent. Syst. Suppl.* p. 604; *Leach, Mal. Pod. Brit.* t. 43, f. 1; *Desm. Cons.* t. 40, f. 1; *Guerin, Exp. Morée.* p. 43; *M. Edw. Crust.* ii. p. 389; *Cuv. R. A.* (Croch.) t. 54, f. 1; *Lucas, Expl. Alger.* p. 44.
Cancer (Astacus) serratus, *Penn. Brit. Zool.* iv. p. 15, t. 16, f. 28.

British and Irish Coasts.
a—o. England.
p. Berwick. Presented by Dr. George Johnston.
q. Cornwall. Presented by W. P. Cocks, Esq.

2. PALÆMON SQUILLA. White Shrimp.

Palæmon squilla, *Fabr. Ent. Syst. Suppl.* p. 403; *Leach, Mal. Pod. Brit.* t. 43, f. 11; *Desm. Cons.* p. 235; *Guerin, Icon.* t. 22, f. 1; *Exp. Morée.* 43; *M. Edw. Crust.* ii. p. 390; *Lucas, Expl. Alger.* p. 44.
Cancer squilla, *Linn. Faun. Suec.* p. 2037; *Syst. Nat.* i. p. 1051; *O. Fabr. Faun. Grœnl.* p. 237.
Cancer (Astacus) squilla, *Penn. Brit. Zool.* iv. p. 16, pl. 16, f. 28.

"White Shrimp." London market.
La chevrette, *Fr.*

a—g. S. W. Coast of Devon. From the collection of Col. Montagu.
h—n. Mouth of the Thames. From the collection of Dr. Leach.
o. Sussex (Little Hampton).

3. PALÆMON VARIANS. Variable Shrimp.

Palæmon varians, *Leach, Mal. Pod. Brit.* t. 43, f. 14; *Linn. Trans.* xi. p. 349; *Desm. Cons.* p. 135; *M. Edw. Crust.* ii. p. 391.

a. Devon. From the collection of Dr. Leach.
b. Norfolk. From the collection of Dr. Leach.
c. Glamorgan. From the collection of Dr. Leach.

Fam. IX. PENÆIDÆ.

Penéens, *M. Edw. Crust.* ii. p. 403.
Carides, I. & II., *Latr. Fam. Nat.* p. 280, 281.
Palæmonidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 96.

1. PENÆUS.

Penæus, pt. *Fabr. Ent. Syst. Suppl.* p. 385, 408.
Palæmon, sp. *Olivi, Enc.* viii.
Cancer, sp. *Linn.*
Squilla, *Rond.*

1. Penæus trisulcatus. Davies' Grooved Shrimp.

Penæus trisulcatus, *Leach, Linn. Trans.* xi. p. 347; *Mal. Pod. Brit.* t. 42; *Desm. Cons.* p. 225.
Penæus caramote, var.? *M. Edw. Crust.* ii. p. 413.

Shore of Anglesea. (Rev. H. Davies).
Coast of Wales.

2. PASIPHÆA.

Pasiphæa, *Savigny, Mem.* p. 50 (*note*).
Alphæus, *Risso, Crust. Nice.*

2. Pasiphæa Savignyi. Savigny's Shrimp.

Pasiphæa Savignyi, *M. Edw. Crust.* ii. p. 426.
Pasiphæa Savigniana, *Leach, MSS.*

a. Bridgewater. Presented by W. Baker, Esq.
b. Ireland. Presented by the Rev. J. Bulwer.

3. Pasiphæa sivado. Sword Shrimp.

Pasiphæa sivado, *M. Edw. Crust.* ii. p. 426.
Alphæus sivado, *Risso, Crust. Nice.* p. 93, t. 3, f. 4.

British Coast?

ORDER II. STOMAPODA.

Stomapoda, *Latr. Fam. Nat.* p. 282.
Stomapoda, pt. *Haan, Faun. Jap. Exp.* p. 15 (1833).
Stomapodes, *M. Edw. Crust.* ii. p. 441.
Branchiopodes, *Cuv. Leç. An. Comp.*
Branchiogastres, pt. *Latr.*
Capités ou Arthrocephales, pt. *Dumeril, Zool. Anal.* p. 185 (1806).

Tribe 1. *SCHIZOPODITA.*

Caridioides, *M. Edw. Crust.* ii. p. 449.
Schizopoda, pt. *Latr. Fam. Nat.* p. 282 (1825).
Fissipes, *Lam. Hist. Anim. sans Vert.* v. p. 197.

FAM. I. MYSIDIDÆ.

Opossum Shrimps, *Thompson.*
Mysiens, *M. Edw. Crust.* ii. p. 451.
Macroura (Div. VIII), *Leach, Linn. Trans.* xi. p. 349.
Squillares, pt. *Latr. Gen. Crust. et Ins.* i. p. 55.
Palæmonidæ, stirps 5, *Leach, Sam. Ent. U. Comp.* p. 99.
Nebalidea, pt. *Haan, Faun. Jap. Exp.* p. 15 (1833).

1. MYSIS.

Mysis, *Latr. Hist. Nat. Crust.* vi. p. 282 (1803); *Gen. Crust. et Ins.* i. p. 56, 1806 (Saltatorius).
Praunus, *Leach, Ed. Enc.* vii. p. 401.
Cancer, *Müller, Zool. Dan.* ii.
Cancer (Astacus) pt. *Montagu, Linn. Trans.* ix.

1. MYSIS CHAMÆLEON. Thompson's Opossum Shrimp.

Mysis chamæleon, *Thomp.* (*J. V.*) *Zool. Res.* p. 2, pl. 2, f. 1—10; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 240.

British Seas.

2. MYSIS SPINULOSUS. Leach's Opposum Shrimp.

Mysis spinulosus, *Leach*, *Linn. Trans.* xi. p. 350; *Desm. Cons.* p. 242; *M. Edw. Crust.* ii. p. 457.
Praunus flexuosus, *Leach*, *Ed. Enc.* vii. p. 401.
Mysis spinulosa, *Leach*, *Sam. Ent. U. Comp.* p. 99.
Mysis Leachi, *Thomp. Zool. Res.* p. 27.

a—e. Firth of Forth. From the collection of Dr. Leach.
f.—g. Devon (Salcombe).

3. MYSIS VULGARIS. Common Opossum Shrimp.

Mysis vulgaris, *Thomp. Zool. Res.* p. 30, pl. 1; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 241.

British Seas.

4. MYSIS INTEGER. Arran Opossum Shrimp.

Mysis integer, *Leach*, *Linn. Trans.* xi. p. 350; *Desm. Cons.* p. 242; *M. Edw. Crust.* ii. p. 460.
Praunus integer, *Leach*, *Ed. Enc.* vii. p. 401.
Mysis Scoticus, *Thomp. Zool. Res.* p. 30.

a—d. Arran (Loch Ranza). From the collection of Dr. Leach.

2. MACROMYSIS.

Macromysis, *White*, *List of Crust. in Brit. Mus.* (1847) p. 81.
Themisto, *Goodsir*, *Edin. New Phil. Journ.* xxxiii. (not *Guerin*).

1. MACROMYSIS LONGISPINOSUS. Opossum Shrimp.

Themisto longispinosus, *Goodsir*, *Edin. New Phil. Journ.* xxxiii. p. 176, t. 2, f. 4.
Macromysis longispinosa, *White*, *List of Crust. in Brit. Mus.* (1847) p. 81.

a, *b*. Firth of Forth. Presented by Henry Goodsir, Esq., R.N.

2. MACROMYSIS BREVISPINOSUS. Short-spined Shrimp.

Themisto brevispinosa, *Goodsir*, *Edin. New Phil. Journ.* xxxiii. p. 177, pl. 2, f. 9.

Macromysis brevispinosa, *Thomp.* (*W*). *Ann. Nat. Hist.* xx. p. 240.

Firth of Forth.

3. CYNTHILIA.

Cynthia, *Thomp. Zool. Res.* i. p. 52, (not *Fabr.*)

1. CYNTHILIA FLEMINGII. Fleming's Cynthilia.

Cynthia Flemingii, *Goodsir, Edin. New Phil. Journ.* xxxiii. p. 175, t. 2, f. 1.

a. Firth of Forth. Presented by Henry Goodsir, Esq., R.N.

Tribe 2. *UNIPELTATA.*

Unipeltata, *Latr. Fam. Nat.* p. 283.
Unicuirassés, *M. Edw. Crust.* ii. p. 489.
Stomapoda, *Haan, Faun. Jap. Exp.* p. 15 (1833).

FAM. I. SQUILLIDÆ.

Squillieus, *M. Edw. Crust.* ii. p. 509.
Squillares, pt. *Latr. Gen. Crust. et Ins.* i. p. 55.

1. SQUILLA.

Squilla, *Fabr. Ent. Syst. Suppl.* p. 393, 415.
Cancer, *Linn.* p.
Mantis Crabs.

1. SQUILLA DESMARESTII. The Mantis Crab.

Squilla Desmarestii, *Risso, Crust. Nice,* p. 114, t. 2, f. 8; *Roux, Crust. Med.* t. 30; *Yarrell, Mag. Nat. Hist.* vi. p. 230, f. 23; *Lukis, Mag. Nat. Hist.* viii. p. 462, f. 39; *M. Edw. Crust.* ii. p. 523, t. 1, f. 1.

British Coast
a. Off Brighton. From Dr. Mantell's collection.
Cornwall (Mr. Couch).

Legion II. EDRIOPHTHALMA.

Edriophthalma, *Leach*, *Linn. Trans.* xi. p. 307 (1814—1815).
Crustacés Sessiliocles, *Lam. Syst. An. sans Vert.* p. 161 (1801).

Order III. AMPHIPODA.

Amphipoda. *Latr. Fam. Nat.* p. 287.
Gasteruri, pt. *Leach*, *Ed. Enc.* vii. p. 432.
Tetradecapoda, pt. *Haan*, *Faun. Jap. Exp.* p. 16 (1833).
Amphipodes, *M. Edw. Crust.* iii. p. 5.
Gammaridæ, *Leach*, *Sam. Ent. U. Comp.* p. 101 (1819).
Capités ou Arthrocephales, pt. *Dumeril*, *Zool. Anal.* p. 185 (1806).

Tribe 1. *GAMMARITA.*

Gammerides, *Leach*, *Ed. Enc.* vii. p. 432.
Crevettines, *M. Edw. Crust.* iii. p. 8.
Gammarinæ, *Latr. Gen. Crust. et Ins.* i. p. 56.
Gammaracea, *Dana*, *Amer. Journ.* viii. (*2nd ser.*).

Fam. I. ORCHESTIDÆ.

Crevettines sauteuses, pt. *M. Edw. Crust.* ii. p. 10.
Orchestidæ, *Leach*, *Ed. Enc.* vii. p. 432; *Dana*, *Amer. Journ.* viii. (*2nd ser.*).

1. TALITRUS.

Talitrus, *Bosc*, *Hist. Crust.* ii. (1802); *Latr. Hist. Nat. Crust.* vi p. 294.
Squilla, *Klein.*
Oniscus, pt. *Pallas*, *Spic. Zool.*
Gammarus, pt. *Fabr. Syst. Ent.* p. 418 (1775).

1. TALITRUS LOCUSTA. The Common Sand-hopper.

Talitrus locusta, *Latr. Hist. Nat. Crust.* vi. p. 229; *Leach, Linn. Trans.* xi. p. 306; *Desm. Cons.* t. 45, f. 2; *Leach, Ed. Enc,* vii. p. 432; *Linn. Trans.* xi. 356, ♂. ♀.
Oniscus locusta, *Pallas, Spic. Zool.* ix. t. 4, f. 7. (*Cop. Herbst.* t. 36, f. 1).
Cancer locusta, *Linn. Syst. Nat.* ii. p. 1055.
Squilla saltatrix, *Klein, Crust.* p. 68, f. D F.
Gammarus saltator, *Mont. Linn. Trans.* ix. t. 4, f. 3.
Talitrus saltator, *M. Edw. Ann. Sc. Nat.* xx. p. 364; *Crust.* iii. p. 13; *Cuv. R. A.* (Croch.) t. 59, f. 2; *Guerin, Exp. Morée.* p. 44.
Talitrus littoralis, *Leach, Ed. Enc.* vii. p. 402. ♀.

a—o. British Coast.

2. ORCHESTIA.

Orchestia, *Leach, Ed. Enc.* vii. p. 402.
Scambella, pt. *Leach.*
Oniscus, pt. *Pallas, Spic. Zool.*
Gammarus, *Montagu.*
Talitrus, pt. *Say.*
Pulex, *Baster, Op. Subs.* ii. p. 31.

1. ORCHESTIA LITTOREA. The Common Shore-Jumper.

Orchestia littorea, *Leach, Ed. Enc.* vii. p. 402; *Linn. Trans.* xi. p. 356; *Desm. Cons.* t. 45, f. 3; *M. Edw. Crust.* iii. p. 16; *Cuv. R. A.* (Croch.) t. 59, f. 3.
Cancer (Gammarus) littoreus, *Mont. Linn. Trans.* ix. t. 4, f. 4.
Pulex marinus, *Baster, Opusc. Subs.* t. 3, f. 7, 8.
Cancer gammarellus, *Herbst,* ii. t. 36, f. 2, 3.

a—s. British Coast.

2. ORCHESTIA DESHAYESII. Deshayes' Shore Jumper.

Orchestia Deshayesii, *Audouin, Exp. Pl. Egypte,* t. 11, f. 8; *M. Edw. Crust.* iii. p. 18.
Scamballa Kuhliana, *Leach, MSS.*

a. British Coast. From the collection of Dr. Leach.

Fam. II. GAMMARIDÆ.

Gammaridæ, *Dana*, *Amer. Journ.* viii. (*2nd ser.*)
Crevettines sauteuses, pt. *M. Edw. Crust.* ii. p. 10.
Gammaridæ, pt. *Leach*, *Ed. Enc.* vii. p. 432.
Dexameridæ, pt. (Dexaminidæ) *Leach*, *Ed. Enc.* vii. p. 432.

1. DEXAMINE.

Dexamine, *Leach*, *Ed. Enc.* vii. p. 432.
Gammarus, pt. *Montagu.*
Acanthonotus, pt.? *M. Edw. Crust.* iii. p. 25.

1. Dexamine spinosa. Spined Sea-Screw.

Dexamine spinosa, *Leach*, *Enc. Brit.* vii. p. 433 ; *Zool. Misc.* ii. p. 23 ; *Linn. Trans.* xi. p. 358 ; *Desm. Cons.* p. 45, f. 6.
Cancer (Gammarus) spinosus, *Mont. Linn. Trans.* xi. p. 3, t. 2, f. 1. (*fig. imp.*)
Acanthonotus? sp. *M. Edw. Crust.* iii. p. 25.

South Coast of England.
a—f. Torcross. From the collection of Col. Montagu.
g. London Market (on an Oyster).

2. Dexamine? carino-spinosa.

Cancer carino-spinosus, *Turton ; Mont. Linn. Trans.* xi. p 4 ?

a. Isle of Wight? Old collection.

2. OPIS.

Opis, *Kroyer*, *Nat. Tidsk.* iv. p. 149 (1842).

1. Opis typica. Kroyer's Sea-Screw.

Opis typica, *Kroyer*, *Nat. Tidsk.* iv. ; *Voy. Scand.* t. 17, f. 1.

a. Ireland (Strangford Loch). Presented by W. Thompson, Esq.

3. ANONYX.

Anonyx, *Kroyer*, *Nat. Tidsk.* ii. p. 256.

1. ANONYX ALBUS.

Anonyx albus.
a, *b*. British Coast.

2. ANONYX, sp.

Anonyx, sp. *Thomp. Ann. Nat. Hist.* xx. p. 243.
Ireland.

4. AMPHITHOE.

Gammarus, pt. *Montagu.*
Ampithoë (rubricata), *Leach, Ed. Enc.* vii. p. 432.
Pherusa, pt. *Leach, Ed. Enc.* vii. p. 432.
Melita, pt. *Leach.*
Amphitoë, *M. Edw. Crust.* iii. p. 28.

1. AMPHITHOE RUBRICATA. Montagu's Coast-Screw.

Amphithoë rubricata, *Leach, Linn. Trans.* xi. p. 360; *Desm. Cons.* t. 45, f. 9; *M. Edw. Ann. Sc. Nat.* xx. p. 377; *Crust.* iii. p. 33; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 242.
Gammarus rubricatus, *Mont. Linn. Trans.* ix. t. 5, f. 1.
a—*g*. S. Coast of Devon. From the collection of Col. Montagu.
h. Eggs of Ampithoë. From the collection of Col. Montagu.

2. AMPHITHOE PUNCTATA. Johnston's Coast-Screw.

Gammarus punctatus, *Johnston, Zool. Journ.* iii. p. 177; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 243.
a—*d*. Coast of Berwickshire. Presented by Dr. George Johnston.

3. AMPHITHOE DUBIA.

Gammarus dubius, *Johnston, Zool. Journ.* iii. p. 178.
Coast of Berwickshire.

4. AMPHITHOE FUCICOLA. Landsborough's Coast-Screw.

Amphithoë fucicola, *M. Edw. Ann. Sc. Nat.* xx. p. 377; *Crust.* iii. p. 32; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 242.

Pherusa fucicola, *Leach*, *Ed. Enc. Suppl.* i. p. 426, vii. p. 432; *Linn. Trans.* xi. p. 360.

a—c. Rocky Shores of Devon (under stones, at low-tide under Fuci). From the collection of Col. Montagu.

5. AMPHITHOE OBTUSATA. Leach's Coast-Screw.

Amphithoë obtusata, *M. Edw. Ann. Sc. Nat.* xx. p. 377; Gammarus obtusatus, *Mont. Linn. Trans.* xi. t. 2, f. 7.
Melita obtusata, *Leach*, *MSS.*

a. Devon (Salcombe Bay). From the collection of Col. Montagu.

5. ACANTHONOTUS.

Acanthonotus, *Owen*, *Ross's Second Voyage*, *Appendix*, p. xc. (1835).
Oniscus, pt. *O. Fabr. Faun. Grœnl.*
Amphithoë, pt. *Kroyer.*
Vertumnus, *Leach*, *MSS.*; *White* (1847).

1. ACANTHONOTUS (VERTUMNUS) TESTUDO. Cranch's Sea-Screw.

Jun. Oniscus Testudo, *Mont. Linn. Trans.* ix. p. 102, t. 5, f. 5 (fig. pessima); *Leach*, *Ed. Enc.* vii. p. 405.
Vertumnus Cranchii, *Leach*, *MSS.*; *White*, *List of Crust. in Brit. Mus.* p. 89 (1847).
Acanthonotus (Vertumnus) Testudo, *White*, *Proc. Zool. Soc. Lond.* 1850, t. f.

a—d. Falmouth. Collected by Mr. John Cranch.
e. Cornwall. Presented by W. P. Cocks, Esq.

6. GAMMARUS.

Gammarus, *Latr. Gen. Crust. et Ins.* i. p. 58 (pulex); *Leach*, *Ed. Enc.* vii. p. 402.
Mæra, pt. *Leach*, *Ed. Enc.* vii. p. 403.
Gammarus, pt. *Fabr. Syst. Ent.* p. 418 (1775); *Ent. Syst.* ii. p. 514.
Oniscus, pt. *Pallas*, *Spic. Zool.*
Squilla, pt. *Degeer*, *Mem.* vii.

1. GAMMARUS LOCUSTA. The Common Coast-Screw.

Gammarus locusta, *Fabr. Ent. Syst.* ii. p. 516; *Leach*, *Ed. Enc.* xi. p. 359; *Desm. Cons.* p. 267; *Kroyer*, *Grönl. Amfip.*; *Rathke*, *Faun. Crim.* t. 5, f. 11—14; *M. Edw. Crust.* ii. p. 44.

Cancer (Astacus) locusta, *Penn. Brit. Zool.* iv. p. 17.
Cancer (Gammarus) locusta, *Mont. Linn. Trans.* xi. p. 359.
O. pulex, *O. Fabr. Faun. Gr.* p. 254 ?

a—h. British Coast (in pools left by the tide).

2. GAMMARUS FLUVIATILIS. The Freshwater Screw.

Gammarus fluviatilis, *M. Edw. Crust.* iii. p. 45.
Astacus fluviatilis, *Rœsel. Ins. Bel.* iii. t. 52; *Geoff. Hist. Ins.* t. 21, f. 6.
Squilla pulex, *Degeer, Mem.* viii. t. 33.
Gammarus Rœselii, *Gervais, Ann. Sc. Nat. 2nd ser.* iv. p. 128.
Gammarus aquaticus, *Leach, Enc. Brit. Suppl.* i. p. 425.

a—g. Duddingston, near Edinburgh. From the collection of Dr. Leach.

3. GAMMARUS PULEX. The Flea-Screw.

Gammarus pulex, *Fabr. Ent. Syst.* ii. p. 516; *Latr. Hist. Nat. Crust.* vi. p. 316; *Mont. Linn. Trans.* ix. t. 4, f. 2; *Desm. Cons.* p. 267, t. 45, f. 8; *M. Edw. Crust.* iii. p. 48.
Cancer pulex, pt. *Linn. Syst. Nat.* i. p. 1055; *Geoff. Ins. Par.* ii. p. 667, t. 21, f. 6.
Astacus pulex, *Penn. Brit. Zool.* iv. p. 17.

a—c. Ireland (Loch Neagh). Presented by W. Thompson, Esq.

? 4. GAMMARUS SUBTERRANEUS.

Gammarus subterraneus, *Leach, Ed. Enc.* vii. p. 403.
Gammarus pulex, var. jun.?

Well, St. Bartholomew's Hospital, London.

5. GAMMARUS MARINUS. Leach's Coast-Screw.

Gammarus marinus, *Leach, Linn. Trans.* xi. p. 359; *Desm. Cons.* ii. p. 267; *M. Edw. Ann. Sc. Nat.* xx. p. 367; *Crust.* iii. p. 46; *Thomp. (W.) Ann. Nat. Hist.* xx. p. 242.

a—e. S. Coast of Devon. From the collection of Col. Montagu.

6. GAMMARUS CARINATUS. The Keeled Coast-Screw.

Gammarus carinatus, *Johnston, Zool. Journ.* iv. p. 52.

Berwickshire Coast. Dr. George Johnston.

7. GAMMARUS CAMPTOLOPS. The Bent-eyed Coast-Screw.

Gammarus campylops, *Leach*, *Linn. Trans.* xi. p. 360; *Desm. Cons.* p. 267; *M. Edw. Ann. Sc. Nat.* xx. p. 267; *Crust.* iii. p. 48; *Thomp. Ann. Nat. Hist.* xx. p. 242.
Gammarus camylops, *Leach*, *Ed. Enc.* vii. p. 403.
Gammarus camptolops, *Leach*, *Sam. Ent. U. Comp.* p. 104.

a, *b*. Isle of Arran (near Loch Ranza). From the collection of Dr. Leach.

8. GAMMARUS MACULATUS. The Spotted Coast-Screw.

Gammarus maculatus, *Johnston*, *Zool. Journ.* iii. p. 176.
Berwickshire Coast. Dr. George Johnston.

9. GAMMARUS LONGIMANUS. The Long-handed Coast-Screw.

Gammarus longimanus, *Thomp. Ann. Nat. Hist.* xx. p. 242.
Mæra longimana, *Leach*, *MSS.*

a. British Coast. From the collection of Dr. Leach.

10. GAMMARUS GROSSIMANUS. The Thick-handed Coast-Screw.

Gammarus grossimanus, *Mont. Linn. Trans.* ix. t. 4, f. 5.
Mæra grossimana, *Leach*, *Ed. Enc.* vii. p. 403; *Linn. Trans.* xi. p. 359; *Desm. Cons.* p. 265.

Rocky shores, in pools left by the receding tide.
a—*f*. Devon. From the collection of Col. Montagu.

5. LEUCOTHOE.

Leucothoe, *Leach*, *Ed. Enc.* vii. p. 403 (articulosa).
Lycesta, *Savigny*, *Mem. An. sans Vert.*

1. LEUCOTHOE ARTICULOSA. The Jointed Coast-Screw.

Leucothoé articulosa, *Leach*, *Ed. Enc.* vii. p. 403; *Linn. Trans.* xi. p. 358; *Desm. Cons.* p. 263, t. 45, f. 5.
Cancer (Gammarus) articulosus, *Mont. Linn. Trans.* vii. p. 70, t. 6, f. 6.
a—*d*. S. Coast of Devon. From the collection of Col. Montagu.

Fam. III. PODOCERIDÆ.

Corophini, *Leach, Ed. Enc.* vii. p. 403.
Podoceridæ, *Leach, Ed. Enc.* vii. p. 432.
Crevettes marcheuses, *M. Edw. Crust.* iii. p. 58.
Corophidæ, *Dana, Amer. Journ.* viii. (*2nd ser.*)

1. JASSA.

Cerapus, *Say, Journ. Acad. Sc. Phil.* i. p. 49 (1817).
Jassa, *Leach, Ed. Enc.* vii. p. 433 (1814 or 1815).

1. Jassa pelagica. Bell Rock Rock-Screw.

Cerapus pelagicus, *M. Edw. Crust.* iii. p. 61; *Cuv. R. A.* (Croch.) t. 61, f. 2.
Jassa pelagica, *Leach, Ed. Enc.* vii. p. 433; *Linn. Trans.* xi. p. 561; *Desm. Cons.* p. 270.

a—g. Scotland (Bell Rock). Presented by R. Stevenson, Esq.

2. Jassa falcata. Montagu's Rock-Screw.

Cancer (Gammarus) falcatus, *Mont. Linn. Trans.* ix. t. 5, f. 2.
Cerapus falcatus, *Thomp. Ann. Nat. Hist.* xx. p. 244.
Cerapus pelagicus, pt. *M. Edw. Crust.* iii. p. 61.

a. Devon (Torcross). From the collection of Col. Montagu.

2. PODOCERUS.

Podocerus, pt. *Leach, Ed. Enc.* vii. p. 433.
Jassa, pt. *Leach, Ed. Enc.* vii. p. 433.

1. Podocerus variegatus. Leach's Seaweed-Screw.

Podocerus variegatus, *Leach, Ed. Enc.* vii. p. 433; *Linn. Trans.* xi. p. 361; *Desm. Cons.* p. 269; *Edw. Ann. Sc. Nat.* xx. p. 384; *Crust.* iii. p. 63; *Cuv. R. A.* (Croch.), t. 64, f. 4.

British Coast (amongst Algæ).
a—f. Devon, &c. From the collection of Dr. Leach.

2. PODOCERUS PULCHELLUS. Sea-weed Pretty Screw.

Podocerus pulchellus, *M. Edw. Ann. Sc. Nat.* xx. p. 384; *Crust.* iii. p. 64.
Jassa pulchella, *Leach, Ed. Enc.* vii. p. 433; *Linn. Trans.* xi. p. 361; *Desm. Cons.* p. 269; *Cuv. R. A.* (Croch.) t. 61, f. 3.

a—g. S. Devon (amongst Fuci). From the collections of Col. Montagu and Dr. Leach.

3. COROPHIUM.

Corophium, *Latr. Gen. Crust. et Ins.* i. p. 58, 1806 (longicorne).
Oniscus, pt. *Pallas.*
Gammarus, pt. *Fabr. Ent. Syst.* ii.

1. COROPHIUM LONGICORNE. Long-horned Mud-Liver.

Corophium longicorne, *Latr. Gen. Crust. et Ins.* i. p. 59; *Ency. Meth.* x. 164, 165; *Lam. Hist. An. sans Vert.* v. p. 184; *Leach, Ed. Enc.* vii. p. 403; *Linn. Trans.* xi. p. 362; *Desm. Cons.* t. 46, f. 1; *Guer. Icon.* t. 27, f. 1; *Edw. Ann. Sc. Nat.* xx. p. 385; *Crust.* iii. p. 66.
Gammarus longicornis, *Fabr. Ent. Syst.* ii. p. 515; *Roemer, Gen. Ins.* t. 33, f. 6.
Astacus linearis, *Penn. Brit. Zool.* (edit. 1777) iv. p. 17, t. 16, f. 31.
Oniscus volutator, *Pallas, Spic. Zool.* ix. p. 59, t. 4, f. 9.

a—d. Norfolk (Clay), Mouth of Medway (amongst mud). From the collection of Dr. Leach.

FAM. IV. CHELURIDÆ.

Cheluridæ, *Dana, Amer. Journ.* viii. (*2nd ser.*)

1. CHELURA.

Chelura, *Philippi, Wiegm. Arch.* 1839.
Nemertes, *Leach, MSS.; White, List of Crust. in Brit. Mus.* 1847, p. 90 (no description).

1. CHELURA TEREBRANS. Sea Wood-Borer.

Chelura terebrans, *Philippi*, *Wiegm. Arch.* 1839; *Allman*, *Ann. and Mag. Nat. Hist.* xix. p. 361, t. 13.
Nemertes nesæoides, *Leach*, *MSS.*; *White*, *List of Crust. in Brit. Mus.* (1847) p. 90.

a—d. Britain. From the collection of Dr. Leach.
e, f. Dublin Bay (King's Town). Presented by W. Thompson, Esq.
g—j. Ayrshire (Ardrossan). Presented by Major Thompson.

Tribe 4. *HYPERITA.*

Hyperines, *M. Edw. Crust.* iii. p. 70.
Gammarinæ, pt. *Latr. Gen. Crust. et Ins.* i. p. 56.
Uroptera, pt. *Latr. Fam. Nat.* p. 289.
Hyperiacea, *Dana*, *Amer. Journ.* viii. (2*nd ser.*)

FAM. I. PHRONIMADÆ.

Hyperines ordinaires, *M. Edw. Crust.* iii. p. 74.
Phronymadæ, *Leach*, *Sam. Ent. U. Comp.* p. 101.

1. HYPERIA.

Hyperia, *Latr. Desm. Cons.* p. 259 (1825).
Hiella, *Strauss*, *Mem. Mus.* xviii.
Lanceola, pt. *Say*, *Journ. Acad. Phil.*

1. HYPERIA LATREILLII. Latreille's Hermit-Screw.

Hyperia Latreillii, *M. Edw. Ann. Sc. Nat.* xx. p. 388, t. 11, f. 1; *Crust.* iii. p. 76; *Cuv. R. A.* (Croch.) t. 58, f. 1; *Guerin*, *Icon.* t. 25, f. 5; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 244.
Hiella Orbignii, *Strauss*, *Mem. Mus.* xviii. t. 4.

a—d. British Coast. From the collection of Dr. Leach.

2. HYPERIA GALBA. Montagu's Hermit-Screw.

Hyperia galba, *M. Edw. Crust.* iii. p. 77; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 244.
Cancer (Gammarus) galba, *Mont. Linn. Trans.* xi p. 4, t. 2, f. 2.
Callianira galba, *Leach, MSS.*

a—e. S. Coast of Devon. From the collection of Col. Montagu.

2. PHRONIMA.

Phronima, *Latr. Hist. Nat. Crust.* vi. p. 289 (1803); *Gen. Crust. et Ins.* i. p. 56.
Phronyma, *Leach, Sam. Ent. U. Comp.* p. 101.
Cancer, pt. *Forskäl, Descr. Anim.*

1. PHRONIMA SEDENTARIA. Dr. Fleming's Hermit-Screw.

Phronima sedentaria, *Latr. Hist. Nat Crust.* vi. p. 292; *Gen. Crust. et Ins.* i. p. 56, t. 2, f. 2, 3; *Lam. Hist. An. sans Vert.* v. p. 197; *Leach, Linn. Trans.* xi. p. 355; *Desm. Cons.* p. 257; *M. Edw. Ann. Sc. Nat. 2nd ser.* iii. t. 14, f. 9; *Crust.* iii. p. 93; *Cuv. R. A.* (Croch.) t. 58, f. 3; *Lucas, Expl. Alger.* t. 5, f. 5.
Cancer sedentarius, *Forsk. Descr. Anim.* p. 95.
Cancer (gammarellus) sedentarius, *Herbst*, ii. t. 37, f. 8.

a. Burray, Shetland Islands. Presented by the Rev. Dr. Fleming.

FAM. II. TYPHIDÆ.

Decempedes, pt. *Latr. Fam. Nat.* p. 289 (1825).
Hyperines abnormales, *M. Edw. Crust.* iii. p. 94 (1840).

1. TYPHIS.

Typhis, *Risso, Crust. Nice.*
Gammarus, pt. *Mont. Linn. Trans.* xi. p. 5?

1. Typhis monoculoides.

Cancer (Gammarus) monoculoides, *Mont. Linn. Trans.* ii. t. 2, f. 3.
a. S. Coast of Devon. From the collection of Col. Montagu.

2. Typhis nolens.

Gammarus nolens, *Johnston, Zool. Journ.* iii. p. 179.
Berwickshire Coast.

Order IV. LÆMODIPODA.

Læmodipoda, *Latr. Fam. Nat.* p. 285 (1825).
Gasteruri, pt. *Leach, Ed. Enc.* vii. p. 432.
Tetradecapoda, *Haan, Faun. Jap. Exp.* p. 16 (1833).
Læmodipodes, *M. Edw. Crust.* iii. p. 103.
Isopodes Cystibranches, *Latr.* (*Cuv. R. A.* iii. p. 50) 1817.
Caprellini, *Leach, Ed. Enc.* vii. p. 403.
Caprelladæ, *Leach, Sam. Ent. U. Comp.* p. 105 (1819).

Fam. I. CAPRELLIDÆ.

Filiformia, *Latr. Fam. Nat.* p. 287.
Caprellidæ, *Westw. Ent. Text-Book*, p. 108.
Caprelliens ou Læmadipodes filiformes, *M. Edw. Crust.* iii. p. 105.

1. CAPRELLA.

Caprella, *Lam. Syst. An. sans Vert.* p. 165 (Scolopendroides), 1801.
Squilla, pt. *Müller, Zool. Dan.*
Oniscus, pt. *Pallas.*
Gammarus, pt. *Fabr.*

1. Caprella linearis. Pennant's Skeleton-Screw.

Caprella linearis, *Latr. Hist. Crust.* vi. p. 324, t. 57, f. 2—5; *Desm. Cons.* p. 278; *M. Edw. Crust.* iii. p. 106; *Goodsir, Edin. New Phil. Journ.* xxxiii. p. 190, t. 3, f. 8; *Johnston, Mag. Nat. Hist.* viii. p. 672, f. 71.
Cancer linearis, *Linn. Syst. Nat.* ii. p. 1056; *Herbst*, ii. t. 36, f. 9, 10.
Cancer (Astacus) atomos, *Penn. Brit. Zool.* (edit. 1777) iv. p. 17, t. 12, f. 32; *Baster, Opusc. Subs.* t. 4, f. 2.
Caprella Penantis (Pennantii), *Leach, Ed. Enc.* vii. p. 404.
Oniscus scolopendroides, *Pallas, Spic. Zool.* ix. p. 78, t. 4, f. 15.
Squilla quadrilobata, *Müller, Zool. Dan.* ii. t. 36, f. 4, 6, ♂, iii. t. 114, f. 11, 12, ♀.

Caprella lobata, *Guerin, Icon.* t. 28, f. 2.

a. British Coast (Devon). From the collection of Dr. Leach.
b—d. Firth of Forth. Presented by Henry Goodsir, Esq. Surg. R.N.

2. CAPRELLA LÆVIS. Smooth Skeleton-Screw.

Caprella lævis, *Goodsir, Edin. New Phil. Journ.* xxiii. p. 189, t. 3, f. 4.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

3. CAPRELLA ACANTHIFERA. Spined Skeleton-Screw.

Caprella acanthifera, *Leach, Ed. Enc.* vii. p. 404; *Leach, Desm. Cons.* p. 277; *M. Edw. Crust.* iii. p. 107, t. 33, f. 1; *Queronic. Mem. Sav. &c.* iii. p. 329, f. A. B.; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 245.

a—h. British Coast. From the collection of Dr. Leach.

4. CAPRELLA ACUTIFRONS. Leach's Skeleton-Screw.

Caprella acutifrons, *Desm. Cons.* p. 277; *M. Edw. Crust.* iii. p. 108.
Caprella atomos, *Leach.*

a—g. British Coast From the collections of Dr. Leach and Col. Montagu.

5. CAPRELLA PHASMA. Montagu's Skeleton-Screw.

Caprella phasma, *Latr. Enc. Meth.* t. 336, f. 37; *M. Edw. Crust.* iii. p. 108.
Cancer phasma, *Mont. Linn. Trans.* vii. p. 66, t. 6, f. 3.

a. S. Coast of Devon. From the collection of Col. Montagu.

6. CAPRELLA TUBERCULATA. Goodsir's Skeleton-Screw.

Caprella tuberculata, *Goodsir, Edin. New Phil. Journ.* xxxiii. p. 188, t. 3, f. 6; *Guerin, Icon.* t. 28, f. 1? *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 244.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

7. Caprella lobata.

Caprella lobata, *Müller*, *Kroyer*, *Voy. Scand. et Lapon. Crust.* pl. 25, f. 3, *a.*; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 244.

Ireland.

2. PROTO.

Leptomera, *Latr. R. A.* (*Cuv.*) iii. p. 51 (1817).
Proto, pt., *Leach*, *Linn. Trans.* xi. p. 362, 1814 (not *Oken.*)

1. Proto pedata. Müller's Spectre Shrimp.

Proto pedata, *Leach*, *Linn. Trans.* xi. p. 362.
Proto pedatum, *Desm. Cons.* p. 276, t. 46, f. 3; *Johnston*, *Mag. Nat. Hist.* viii. p. 673, f. 72, 73; *M. Edw. Crust.* iii. p. 109.
Gammarus pedatus, *Müller*, *Zool. Dan.* iii. t. 194, f. 1, 2; *Mont. Linn. Trans.* xi. t. 2, f. 6.
Leptomera pedata, *Guerin*, *Icon.* t. 28, f. 3.

a—*c*. British Coast. From the collection of Col. Montagu.

Fam. II. CYAMIDÆ.

Læmodipodes ovalaires ou Cyamiens, *M. Edw. Crust.* iii. p. 110.
Gammarinæ, pt. *Latr. Gen. Crust. et Ins.* i. p. 56.
Ovalia, *Latr. Fam. Nat.* p. 286.
Cyamidæ, *Westw. Ent. Text-Book*, p. 108.

1. CYAMUS.

Cyamus, *Latr. Lam. Syst. An. sans Vert.* v. p. 166 (1801); *Latr. Gen. Crust. et Ins.* i. p. 59.
Panope, *Leach*, *Ed. Enc.* vii. p. 404.
Larunda, *Leach*, *Linn. Trans.* xi. p. 363 (1814, 1815).
Pediculus, *Seba.*
Oniscus, sp. *Linn. Syst. Nat.*
Squilla, sp. *Degeer*, *Ins.* vii.
Pycnogonum, sp. *Fabr. Ent. Syst. Suppl.* p. 570 (1798).

1. Cyamus ceti. Common Whale-louse.

Cyamus erraticus, *Rouss. An. Sc. Nat. 2nd ser.* i. p. 259, t. 8, f. 22, 23; *M. Edw. Crust.* iii. p. 113.
Oniscus ceti, *Linn. Syst. Nat.* ii. p. 1060; *Pall. Spic. Zool.* ix. t. 4, f. 14; *Müller, Zool. Dan.* iii. t. 119, f. 13, 17.
Squilla ceti, *Degeer, Ins.* vii. t. 42, f. 7, 8.
Cyamus ceti, *Latr. Hist. Crust.* vi. t. 52, f. 4.
Panope ceti, *Leach, Ed. Enc.* vii. p. 404.
Larunda ceti, *Leach, Linn. Trans.* xi. p. 364; *Sam. Ent. U. Comp.* p. 106.
a—f. British Seas.

2. Cyamus ovalis. Oval Whale-louse.

Cyamus ovalis, *Rouss. Ann. Sc. Nat. 2nd ser.* i. t. 8, f. 24; *M. Edw. Ann. Sc. Nat. 2nd ser.* iii. t. 14, f. 13, 14; *Guerin, Icon.* t. 28, f. 4.
British Seas.

3. Cyamus gracilis. Slender Whale-louse.

Cyamus gracilis, *Rouss. Ann. Sc. Nat. 2nd. ser.* i. t. 8, f. 24; *M. Edw. Crust.* iii. p. 113.
a. British Seas.

*** Here by many authors are placed Nymphon, Pycnogonum, and their allies.

ORDER V. ISOPODA.

Isopoda, *Latr. Fam. Nat.* p. 290.
Tetradecapoda, pt. *Haan, Faun. Jap. Exp.* p. 16 (1833).
Oniscus, pt. *Fabr. Syst. Ent.* p. 296 (1775).
Insecta tetracera, *Latr. Gen. Crust. et Ins.* i. p. 63.
Gasteruri, pt. *Leach, Ed. Enc.* vii. p. 432.

SUB-ORDER I. ISOPODA AMBULANTIA.

Isopodes marcheurs, *M. Edw. Crust.* iii. p. 120 (1840).

Tribe 1. *IDOTEITA.*

Idoteides, *Latr. Fam. Nat.* p. 296; *M. Edw. Crust.* iii. p. 121 (1840).
Asellota, pt. *Latr. Gen. Crust. et Ins.* i. p. 63 (1806).

FAM. I. ARCTURIDÆ.

Idotéides arpenteuses, *M. Edw. Crust.* iii. p. 122.
Idoteadæ, pt. *Westw. Ent. Text-Book.*

1. ARCTURUS.

Arcturus, *Latr. R. A.* iv. p. 139.
Leachia, *Johnston, Edin. Phil. Journ.* xiii. 220.
Astacilla, *Fleming, Enc. Brit.* vii. p. 502.
Oniscus, sp. *Sowerby, Brit. Misc.*
Idotea, sp. *Sabine, Parry's Voy. Append.*

1. ARCTURUS LONGICORNIS. Sowerby's Arcturus.

Arcturus longicornis, *Westw. Trans. Ent. Soc.* i. 72, t. 16; *Guerin, Icon.* t. 31, f. 2; *M. Edw. Crust.* iii. p. 124.

Oniscus longicornis, *Sowerby, Brit. Misc.* t. 19.
Leachia lacertosa, *Johnston, Edin. Phil. Journ.* xiii. p. 220.
Astacilla longicornis, *Fleming, Edin. Enc.* vii. p. 502; *Johnston, Loud. Mag. Nat. Hist.* viii. p. 494, f. 44, *adult*, ix. p. 80, f. 15, *young*.

a—e. Cullercoats, Northumberland. Presented by Dr. Clarke, of Ipswich.
f. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

2. ARCTURUS INTERMEDIUS.

Leachia intermedia, *Goodsir, Edin. New Phil. Journ.* xxxi. p. 309, t. 6, f. 1.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

3. ARCTURUS GRACILIS. Goodsir's Arcturus.

Leachia gracilis, *Goodsir, Edin. New Phil. Journ.* xxxi. p. 310, t. 6, f. 4.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

FAM. II. IDOTEADÆ.

Idoteadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 106.
Anthuradæ, pt. *Leach, Sam. Ent. U. Comp.* p. 107.
Idotéides ordinaires, *M. Edw. Crust.* iii. p. 124.
Sphæromides, I. pt. *Latr. Fam. Nat.* p. 294.

1. IDOTEA.

Idotea, *Latr. Hist. Nat. Crust.* vi. p. 360; *M. Edw. Crust.* iii. p. 125.
Cymothoa, pt., *Fabr. Ent. Syst.* ii.
Idotea, pt. *Fabr. Ent. Syst. Suppl.* p. 302 (1798).
Rhætia, pt. *Leach, MSS.*
Stenosoma, pt. *Leach, Ed. Enc.* vii. p. 304 (hecticus).
Idotea, pt. *Leach, Ed. Enc.* vii. p. 404 (entomon).
Saduria, pt. *Leach, MSS.* ("Siduria"); *M. Edw. Crust.* iii. p. 126.
Leptosoma, *Risso, Eur. Mer.* v. p. 107.
Zenobia, *Risso, Eur. Mer.* v. 110.

Armida, *Risso, Eur. Mer.* v. 109.
Gonotus, *Raf. Prec.* p. 26.
Oniscus, pt. *Linn.*
Entomon, *Klein.*
Squilla, pt. *Degeer, Mem.* vii.
Asellus, pt. *Oliv. Enc. Meth.* iv.

1. IDOTEA PELAGICA. Marine Idotea.

Idotea pelagica, *Leach, Linn. Trans.* xi. p. 365; *Desm. Cons.* p. 289; *M. Edw. Crust.* iii. p. 129.
Oniscus balticus, *Pallas, Spic. Zool.* ix. t. 4, f. 6?
Idotea marina, *Fabr. Ent. Syst. Suppl.* p. 303?
Rhætia pelagica, *Leach, MSS.*

a—g. British Coast. (Bell Rock). From the collections of Col. Montagu and Dr. Leach.

2. IDOTEA TRICUSPIDATA. Three-toothed Idotea.

Idotea tricuspidata, *Desm. Cons.* p. 289; *Roux, Crust. Med.* t. 13. f. 11, 12; *M. Edw. Crust.* iii. p. 129.
Oniscus tridens, *Scop. Ent. Carn.*
Idotea entomon, *Leach, Linn. Trans.* xi. p. 364.
Idotea tridentata, *Latr. Gen. Crust. et Ins.* i. p. 64.

a—z. British Coast, Scotland and England. From the collections of Col. Montagu and Dr. Leach.
a—c.** Cornwall. Presented by W. P. Cocks, Esq.

3. IDOTEA EMARGINATA. Notched Idotea.

Idotea emarginata, *Fabr. Ent. Syst. Suppl.* p. 303; *M. Edw. Crust.* iii. p. 130; *Cuv. R. A.* (Croch.) t. 69, f. 2.
Cymothoa emarginata, *Fabr. Ent. Syst.* ii. p. 508.
Squilla marina, *Degeer, Ins.* vii. p. 522, t. 32, f. 11, 14.
Idotea excisa, *Bosc. Crust.* ii. p. 181; *Latr. Crust.* vi. t. 58, f. 5, var.?
Idotea peloponesiaca, *Roux, Crust. Med.* t. 30, f. 10.

a—s. British Coast. From the collections of Col. Montagu and Dr. Leach.

4. IDOTEA LINEARIS. Slender-bodied Idotea.

Idotea linearis, *Latr. Hist. Crust.* vi. p. 371 ; *M. Edw. Crust.* iii. p. 132.
Oniscus entomon, *Baster, Opusc. Subs.* ii. t. 13, f. 2.
Oniscus linearis, *Penn. Brit. Zool.* (edit. 1777) iv. t. 18, f. 2.
Squilla marina, *Degeer, Ins.* vii. t. 32, f. 11.
Stenosoma lineare, *Leach, Linn. Trans.* xi. p. 366; *Desm. Cons.* p. 290, t. 46, f. 12 ; *Guérin, Exp. Morée*, p. 49.
"Idotea diodon, *Latr.*"; *Guerin, l. c.*

British Coast.
a—m. Devon (Ilfracombe). From the collections of Col. Montagu, &c.

5. IDOTEA ACUMINATA. Pointed long Idotea.

Stenosoma acuminatum, *Leach, Ed. Enc.* vii. p. 433 ; *Linn. Trans.* xi. p. 366.

British Coast.
a. Devon. From the collection of Dr. Leach.

5. IDOTEA APPENDICULATA. Risso's long Idotea.

Idotea appendiculata, *M. Edw. Crust.* iii. p. 135.
Leptosoma appendiculata, *Risso, Hist. Nat. l'Eur. Mer.* v. p. 107, t. 4, f. 23.
Leptosoma lancifer, *Leach, MSS.*

a—c. Coast of Devon (Sidmouth). From the collection of Dr. Leach.

2. ANTHURA.

Anthura, *Leach, Ed. Enc.* vii. p. 404.
Oniscus, sp. *Mont. Linn. Trans.* ix.

1. ANTHURA GRACILIS. Slender Anthura.

Anthura gracilis, *Leach, Ed. Enc.* vii. p. 404 ; *Linn. Trans.* xi. p. 366 ; *Desm. Cons.* p. 291, t. 46, f. 13 ; *Guerin, Icon.* t. 30, f. 6 ; *M. Edw. Crust.* iii. p. 136, t. 31, f. 3.
Oniscus gracilis, *Mont. Linn. Trans.* ix. p. 103, t. 5, f. 6.

a—c. Coast of Devon. From the collection of Col. Montagu.

2. ANTHURA CYLINDRICA.

Anthura cylindrica, *Leach*, *Linn. Trans.* xi. p. 366.
Oniscus cylindricus, *Mont. Linn. Trans.* vii. t. 6, f. 8.
South of England.

Tribe 2. *ASELLITA.*

Asellotes, *M. Edw. Crust.* iii. p. 137.
Asellota, pt. *Latr. Gen. Crust. et Ins.* i. p. 63 (1806).

FAM. I. APSEUDIDÆ.

Heteropa, *Latr. Fam. Nat.* p. 290 (1825).
Asellotes heteropodes, *M. Edw. Crust.* iii. p. 137.
Apseudii, *Leach*, *Ed. Enc.* vii. p. 404.
Apseudiadæ, *Leach*, *Sam. Ent. U. Comp.* p. 109.

1. APSEUDES.

Apseudes, *Leach*, *Ed. Enc.* vii. p. 404.
Eupheus, pt. *Desm. Crust.* p. 284.

1. APSEUDES TALPA. Mole Hog-louse.

Apseudes talpa, *Leach*, *Ed. Enc.* vii. p. 404 ; *Linn. Trans.* xi. p. 372 ; *Lam. Hist. Nat. An. sans Vert.* v. p. 290 ; *M. Edw. Crust.* iii. p. 140.
Cancer (Gammarus) talpa, *Mont. Linn. Trans.* ix. p. 98, t. 4, f. 6.
Eupheus talpa, *Desm. Cons.* t. 46, f. 9.
a—h. Devon (Salcombe). From the collection of Col. Montagu.

2. TANAIS.

Tanais, *M. Edw. Ann. Sc. Nat.* xiii. p. 288.
Gammarus, pt. *Audouin*, *Expl. Pl. Egypte.*

1. TANAIS DULONGII. Dulong's Mole Hog-louse.

Tanais Dulongii, *M. Edw. Crust.* iii. p. 142; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 245.
Gammarus Dulongii, *Audouin, Expl. Pl. Egypte.* t. 11, f. 1.
Irish Coast.

FAM. I. LIMNORIADÆ.

Asellotes Homopodes, *M. Edw. Crust.* iii. p. 143.
Cymothoadæ, pt. *Leach, Sam. Ent. U. Comp.* p. 107.
Asellidæ, pt. *Leach, Sam. Ent. U. Comp.* p. 110.
Cymothoades, I. 2, pt. *Latr. Fam. Nat.* p. 293.
Asellota, pt. *Latr. Fam. Nat.* p. 295.
Cymothoidæ, pt. *Westw. Ent. Text-Book*, iii.

1. LIMNORIA.

Limnoria, *Leach, Ed. Enc.* vii. p. 433.*

1. LIMNORIA TEREBRANS. Boring Limnoria.

Limnoria terebrans, *Leach, Ed. Enc. Suppl.* v. p. 433; *Linn. Trans.* xi. p. 371; *Desm. Cons.* p. 312; *Coldstream, Edin. New Phil. Journ.* xvi. p. 316, t. 6, f. 1—16; *Hope, Trans. Ent. Soc. Lond.* i. p. 119; *Thomp.* (*W.*) *Edin. New Phil. Journ.* xviii. p. 127; *M. Edw. Crust.* iii. p. 145.
The "Gribble," local name at Plymouth, *Moore, Mag. Nat. Hist.* (*Charlesworth*) ii. p. 206.

a—f. Bell Rock (Scotland). Presented by R. Stevenson, Esq.
g, h. Ayrshire (Ardrossan). Presented by Major Martin.
j, k. Ireland (Belfast, Dublin, &c.). Presented by W. Thompson, Esq.
Coasts of Suffolk and Yorkshire, at Bridlington Harbour (Charles Lutwidge, Esq.). *Kirby & Spence, Introd. to Ent.* i. p. 238, 5th ed., p. 203, 6th ed.

* Dr. Leach quotes *Wern. Trans.* ii.; the paper was never published.

2. ASELLUS.

Asellus, *Geoff. Ins. Par.* ii. p. 671 (1762); *Latr. Gen. Crust. et Ins.* i. p. 63.
Oniscus sp. *Linn. Syst. Nat.*
Squilla, sp. *Degeer, Mem.* vii.
Entomon, sp. *Klein.*
Cymothoa, sp. *Fabr. Ent. Syst.* ii. p. 505.
Idotea, sp. *Fabr. Ent. Syst. Suppl.* p. 303.

1. ASELLUS AQUATICUS. Water Hog-louse.

Asellus aquaticus, *Olivi, Enc. Meth.* iv. p. 252; *Leach, Linn. Trans.* xi. p. 373; *Guerin, Icon.* t. 31, f. 3; *Geoff. Ins. Par.* ii. t. 22, f. 2.
Oniscus aquaticus, *Linn. Syst. Nat.* ii. p. 1061.
Squilla asellus, *Degeer*, vii. t. 31, f. 1.
Cymothoa aquatica, *Fabr. Ent. Syst.* ii. p. 505.
Asellus vulgaris, *Latr. Hist. Nat. Crust.* vii. p. 359, t. 58, f. 1; *Desm. Cons.* p. 314, t. 49, f. 1, 2; *M. Edw. Crust.* iii. p. 146; *Cuv. R. A.* (Croch.) t. 70, *bis.*

Great Britain and Ireland.
a—d. Near London (Fresh-water).

3. JÆRA.

Jæra, *Leach, Ed. Enc.* vii. p. 434.
Oniscus, sp. *Montagu, MSS.*

1. JÆRA ALBIFRONS. White-fronted Hog-louse.

Jæra albifrons, *Leach, Ed. Enc.* vii. p. 434; *Linn. Trans.* xi. p. 373; *Desm. Cons.* p. 316; *M. Edw. Crust.* iii. p. 150; *Thomp. Ann. Nat. Hist.* xx. p. 245.
Oniscus albifrons, *Montagu, MSS.*

a—h. Devon. From the collection of Col. Montagu.

4. MUNNA.

Munna, *Kroyer, Nat. Tidsk.* ii. p. 612.

1. MUNNA KROYERI. Long-legged Hog-louse.

Munna Kroyeri, *Goodsir, Edin. New Phil. Journ.* xxxiii. p. 365, t. 6, f. 2 ; *Thomp. (W.) Ann. Nat. Hist.* xx. p. 247.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

5. JANIRA.

Janira, *Leach, Ed. Enc.* vii. p. 434.
Oniscoda, *Latr. R. A.* iv. p. 141.

1. JANIRA MACULOSA. Spotted Hog-louse.

Oniscoda maculosa, *Latr. R. A.* iv. p. 141 ; *M. Edw. Crust.* iii. p. 151.
Oniscus maculosus, *Montagu, MSS.*
Janira maculosa, *Leach, Ed. Enc.* vii. p. 434 ; *Linn. Trans.* xi. p. 373.

a—e. S. Coast of Devon. From the collection of Col. Montagu.

Tribe 3. *ONISCITA.*

Oniscides, *Latr. Gen. Crust. et Ins.* i. p. 67 (1806).
Cloportides, *Latr. Fam. Nat.* p. 297.
Oniscidæ, *Westw. Ent. Text-Book*, p. 111..

Sub-tribe 1. *HALONISCITA.*

Cloportides maritimes, *M. Edw. Crust.* iii. p. 152.

FAM. I. LIGIADÆ.

Ligia, *Fabr. Ent. Syst.* p. 301.
Ligiadæ, *Leach, Sam. Ent. U. Comp.* p. 111.

1. LIGIA.

Ligia, *Fabr. Ent. Syst.* iii. p. 153.
Oniscus, sp. *Linn. Syst. Nat.* i. p. 1061.
Cymothoa, sp. *Fabr. Ent. Syst.* p. 509.

1. LIGIA OCEANICA. Great Sea Slater.

Ligia oceanica, *Fabr. Ent. Syst. Suppl.* p. 301 ; *Latr. Hist. Crust.* vii. p. 31 ; *Leach, Linn. Trans.* xi. p. 374 ; *Desm. Cons.* p. 317, t. 49, f. 3—4 ; *Roux, Crust. Med.* t. 13, f. 8 ; *M. Edw. Crust.* iii. p. 155 ; *Brandt. Bullet. Mosc.* vi. p. 172.
Oniscus oceanicus, *Linn. Syst. Nat.* ii. p. 1061 ; *Penn. Brit. Zool.* (edit. 1777) iv. t. 18, f. 4.
Oniscus aquaticus, *Baster, Opusc. Subs.* ii. t. 13, f. 4.
Var. Ligia scopulorum, *Leach, Ed. Enc.* vii.; *Linn. Trans.* xi. p. 374.

a, *b*. British Coast. From the collections of Col. Montagu and Dr. Leach.

Sub-tribe 2. *GEONISCITA.*

Cloportides Terrestres, *M. Edw. Crust.* iii. p. 158.
Oniscidæ, *Leach, Sam. Ent. U. Comp.* p. 111.
Mitosata, pt. *Fabr. Ent. Syst.* ii. p. 396 (1793).

FAM. I. PORCELLIONIDÆ.

Porcellionides, *M. Edw. Crust.* iii. p. 159.
Oniscides, *Latr. Gen. Crust. et Ins.* i. p. 67 (1806).

1. ONISCUS.

Oniscus, *Latr. Hist. Nat. Crust.* vii. p. 33 (1804).
Oniscus, sp. *Linn.*

1. ONISCUS ASELLUS. Land Slater.

Oniscus asellus, *Linn. Syst. Nat.* ii. p. 1061 ; *Degeer, Ins.* vii. t. 35, f. 1 ; *Geoff. Ins.* ii. t. 22, f. 1 ; *Latr. Hist. Crust.* vii. p. 42.
Oniscus murarius, *Cuv. Journ. d'Hist. Nat.* ii. t. 26, f. 11 ; *Brandt. and Ratz. Arzn.* ii. t. 12, f. 7 ; *Brandt. Bullet. Mosc.* vi. p. 182 ; *M. Edw. Crust.* iii. p. 163.

Pig-louse, Slater, Wood-louse, Carpenter (local names).

a—l. London.
m—s. London. Presented by Francis Walker, Esq.
t—u. Edinburgh. Presented by Adam White, F.L.S.

2. PHILOSCIA.

Philoscia, *Latr. Hist. Nat. Crust.* vii. p. 43 (1804).
Oniscus, sp. *Scopoli.*

1. PHILOSCIA MUSCORUM. Shade-lover.

Oniscus sylvestris, *Fabr. Ent. Syst.* ii. p. 397.
Oniscus muscorum, *Scopoli, Ent. Carn.* p. 1145; *Cuv. Journ. d'Hist. Nat.* i. t. 26, f. 6, 7; *Coquebert, Ill. Icon.* t. 6, f. 12.
Philoscia muscorum, *Latr. Hist. Crust.* vii. p. 43; *Leach, Linn. Trans.* xi. p. 375; *Desm. Cons.* p. 319.

a—l. Britain (in moist places).

3. PORCELLIO.

Porcellio *Latr. Hist. Nat. Crust.* vii. p. 45.
Oniscus, sp. *Linn.*

1. PORCELLIO SCABER. Rough Hog-louse.

Porcellio scaber, *Latr. Hist. Crust.* vii. p. 45; *Leach, Linn. Trans.* xi. p. 375; *Desm. Cons.* 321; *Guerin, Icon.* t. 31, f. 7; *M. Edw. Crust.* iii. p. 167; *Cuv. R. A.* (Croch.) t. 71, f. 1.
Oniscus granulatus, *Lam. Hist. An. sans Vert.* v. p. 261.
Porcellio dilatatus, *Brandt. and Ratz. Arzn.* t. 12, f. 6; *Brandt. Bullet. Mosc.* vi. p. 176.

a—r. Britain. From the collections of Col. Montagu and Dr. Leach.

2. PORCELLIO LÆVIS. Smooth Hog-louse.

Porcellio lævis, *Latr. Hist. Crust.* vii. p. 46; *M. Edw. Crust.* iii. p. 169.

a. England. From the collection of Dr. Leach.

Fam. VII. ARMADILLIDÆ.

Armadilliens, *M. Edw. Crust.* iii. p. 175.

1. ARMADILLO.

Armadillo, pt. *M. Edw. Crust.* iii. p. 177.
Armadillo, pt. *Latr. Hist. Nat. Crust.* vii. p. 47.
Armadillidium, pt. *Brandt. Consp.*
Oniscus, sp. *Linn. Syst. Nat.*

1. Armadillo vulgaris. The Pill-millepede.

Armadillidium vulgare, *M. Edw. Crust.* iii. p. 184.
Armadillo vulgaris, *Latr. Hist. Crust.* vii. p. 48; *Leach, Ed. Enc.* vii. p. 406; *Sam. Ent. U. Comp.* p. 112; *Desm. Cons.* p. 325.
a—v. Near London. From the collection of Dr. Leach.

Sub-order IV. ISOPODA NATANTIA.

Isopodes nageurs, *M. Edw. Crust.* iii. p. 189.
Amphipoda, pt. *Latr. Fam. Nat.* p. 289.

Fam. I. PRANIZIDÆ.

Pranisiens, *M. Edw. Crust.* iii. p. 191.
Decempedes, pt. *Latr. Fam. Nat.* p. 289.

1. PRANIZA.

Praniza, *Leach, Latr. R. A.* iii. p. 54 (1817).
Oniscus, sp. *Slabber, Montagu.*

1. Praniza cæruleata. Bluish Praniza.

Praniza cæruleata, *Desm. Cons.* p. 284, t. 46, f. 8; *Westw. Ann. Sc. Nat.* xxvii. p. 326, t. 6, f. 5; *M. Edw. Crust.* iii. p. 194, t. 33, f. 10.

Oniscus cæruleatus, *Mont. Linn. Trans.* xi. p. 15, t. 4, f. 2.
Gnathia termitoides, male, *Leach (olim.)*, *Ed. Enc.* vii. p. 402.

a. Devonshire. From the collection of Col. Montagu.

2. PRANIZA MONTAGUI. Montagu's Praniza.

Praniza Montagui, *Westw. Ann. Sc. Nat.* xxvii. p. 327.
Oniscus cæruleatus, var.?

British Coast.

3. PRANIZA MACULATA. Spotted Praniza.

Praniza maculata, *Westw. Ann. Sc. Nat.* xxvii. p. 326, t. 6, f. 4—25; *M. Edw. Crust.* iii. p. 195.

Coast of Shetland.

4. PRANIZA FUSCATA. Brown Praniza.

Praniza fuscata, *Johnston, Mag. Nat. Hist.* v. p. 520, f. 99.

Berwick.

FAM. II. ANCEADÆ.

Anceens, *M. Edw. Crust.* iii. p. 196.
Gnathionii, *Leach, Ed. Enc.* vii. p. 402.
Gnathides, *Leach, Ed. Enc.* vii. p. 432.
Decempedes, pt. *Latr. Fam. Nat.* p. 289.

1. ANCEUS.

Anceus, *Risso, Crust. Nice.* p. 52.
Gnathia, *Leach, Ed. Enc.* vii. p. 402.
Cancer, sp. *Montagu.*

1. ANCEUS MAXILLARIS. Ant-like Jaw-bearer.

Anceus maxillaris, *Lam. Hist. An. sans Vert.* v.; *Desm. Cons.* p. 283, t. 46, f. 6; *Westw. Ann. Sc. Nat.* xxvii. p. 329; *M. Edw. Crust.* iii. p. 197.
Cancer maxillaris, *Mont. Linn. Trans.* vii. p. 65, t. 6, f. 2.
Gnathia maxillaris, *Leach, Enc. Brit.*

Gnathia Termitoides, *Leach*, *Ed. Enc.* vii. p. 402.
Oniscus cæruleatus, female? *Leach* (*olim.*), *Ed. Enc.* vii. p. 402.
Anceus rapax, *M. Edw. Crust.* iii. p. 196, t. 33, f. 12.
a—l. S. Coast of England. From the collections of Col. Montagu and Dr. Leach.
m. British Coast. Presented by Lady Curzon.

Tribe 4. *SPHÆROMITA.*

Sphéromiens, *M. Edw. Crust.* iii. p. 197.
Asellota, pt. *Latr. Gen. Crust. et Ins.* i. p. 65.

Fam. I. SPHÆROMIDÆ.

Spheromiens onguiculés, *M. Edw. Crust.* iii. p. 199.

1. SPHÆROMA.

Sphæroma, *Latr. Hist. Nat. Crust.* vii. p. 11 (1804).
Oniscus, sp. *Linn. Syst. Nat.*
Asellus, sp. *Olivi*, *Enc. Meth.* iv.

2. Sphæroma serratum. Serrated Sea Pill-ball.

Sphæroma serratum, *Leach*, *Linn. Trans.* xi. p. 368; *Dict. des Sc. Nat.* xii. p. 346; *Desm. Cons.* p. 301, t. 47, f. 3; *Latr. Enc. Meth.* x. 458; *Guerin*, *Icon.* t. 30, f. 1; *M. Edw. Crust.* iii. p. 205, t. 31, f. 11.
Oniscus serratus, *Fabr. Mant. Ins.* i. p. 242.
Oniscus globator, *Pallas*, *Spic. Zool.* ix. t. 4, f. 18.
Sphæroma cinerea, *Bosc*, *Hist. Crust.* ii. p. 186; *Latr. Hist. Crust.* vii. p. 16; *Sav. Egypte*, t. 12, f. 1.

a—n. British Coast (Kent, Devon, and Cornwall). From the collections of Col. Montagu and Dr. Leach.

3. Sphæroma rugicauda. Rough-tailed Sea Pill-Ball.

Sphæroma rugicauda, *Leach*, *Ed. Enc.* vii. p. 405, 433; *Linn. Trans.* xi. p. 369; *Dict. Sc. Nat.* xii. p. 346; *Desm. Cons.* p. 300; *M. Edw. Crust.* iii. p. 207.

a—g. Western Islands (I. of Ulva over against Mull). From the collection of Dr. Leach.

4. SPHÆROMA HOOKERI. Hooker's Sea Pill-ball.

Sphæroma Hookeri, *Leach*, *Ed. Enc.* vii. p. 433; *Linn. Trans.* x. p. 369; *Dict. Sc. Nat.* xii. p. 345; *Desm. Cons.* p. 300; *M. Edw. Crust.* iii. p. 206.

a—d. Suffolk. Presented by Dr. (now Sir W. J.) Hooker.

5. SPHÆROMA GRIFFITHSII. Griffith's Sea Pill-ball.

Sphæroma Griffithsii, *Leach*, *MSS.*; *Thomp.* (*W*). *Ann. Nat. Hist.* xx. p. 246.

a, *b*. Torbay. Presented by — Griffiths, Esq.

6. SPHÆROMA PRIDEAUXIANUM. Prideaux's Sea Pill-ball.

Sphæroma Prideauxianum, *Leach*, *Dict. Sc. Nat.* xii. p. 345; *Desm. Cons.* p. 299; *M. Edw. Crust.* iii. p. 209; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 245.

Jun.? Sphæroma curtum, *Leach*, *Dict. Sc. Nat.* xii. p. 345; *Desm. Cons.* p. 299; *M. Edw. Crust.* iii. p. 209.

a. Devon. From the collection of Dr. Leach.

3. CYMODOCEA.

Cymodocea, *M. Edw. Crust.* iii. p. 212.
Cymodocea, pt. *Leach*, *Dict. Sc. Nat.* xii. p. 343.
Dynamene, pt. *Leach*, *Ed. Enc.* vii. p. 433; *Dict. Sc. Nat.* xii. p. 344.
Cymodoce, *Leach*, *Ed. Enc.* vii. p. 433.
Cymodice, *Leach*, *Linn. Trans.* xi. p. 368.

1. CYMODOCEA TRUNCATA. Abrupt Sea Pill-ball.

Cymodocea truncata, *Leach*, *Ed. Enc.* vii. p. 433; *Dict. Sc. Nat.* xii. p. 343; *Desm. Cons.* p. 297; *M. Edw. Crust.* iii. p. 214; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 246.
Oniscus truncatus, *Montagu*, *MSS.*

a. Devon. From the collection of Col. Montagu.

2. CYMODOCEA EMARGINATA. Notched Sea Pill-ball.

Cymodocea emarginata. *Leach, Dict. Sc. Nat.* xii. p. 343; *Desm. Cons.* p. 296; *M. Edw. Crust.* iii. p. 214.

a. Mount Edgecombe, near Plymouth. From the collection of Dr. Leach.

b. Var. Falmouth. Presented by Mr. John Cranch.

3. CYMODOCEA MONTAGUI. Montagu's Sea Pill-ball.

Cymodocea Montagui, *M. Edw. Crust.* iii. p. 215.
Dynamene Montagui, *Leach, Dict. Sc. Nat.* xii. p. 344; *Desm. Cons.* p. 298.

a—d. Devon. From the collection of Col. Montagu.

4. CYMODOCEA RUBRA. Reddish Sea Pill-ball.

Cymodocea rubra, *M. Edw. Crust.* iii. p. 216.
Oniscus ruber, *Montagu, MSS.*
Dynamene rubra, *Leach, Dict. Sc. Nat.* xii. p. 344; *Desm. Cons.* p. 298.

a—e. Devon. From the collection of Dr. Leach.

5. CYMODOCEA VIRIDIS. Green Sea Pill-ball.

Cymodocea viridis, *M. Edw. Crust.* iii. p. 216.
Dynamene viridis, *Leach, Dict. Sc. Nat.* xii. p. 344; *Desm. Cons.* p. 298.

a—d. Devon. From the collection of Dr. Leach.

4. NESÆA.

Nesæa, pt. *Leach, Ed. Enc,* vii. p. 405 (bidentata).
Ciliceæa, pt. *Leach, Dict. Sc. Nat.* xii. p. 342 (Latreillii).
Næsea, *M. Edw. Crust.* iii. p. 216.
Næsa, *Leach, Linn. Trans.* xi. p. 367.
Oniscus, pt. *Adams, Linn. Trans.* v.
Sphæroma, pt. *Eichwald.*
Campecopea, pt. *Rathke.*

1. NESÆA BIDENTATA. Adams' Sea Pill-ball.

Nesæa bidentata, *Leach, Ed. Enc.* vii. p. 405; *Linn. Trans.* xi. p. 367; *M. Edw. Crust.* iii. p. 217; *Desm. Cons.* t. 47, f. 2.
Oniscus bidentatus, *Adams, Linn. Trans.* viii. t. 2, f. 3, 4.

a—f. S. Coast of England. From the collections of Col. Montagu and Dr. Leach.
g. Cornwall (Polperro). Presented by J. Couch, Esq.

2. CAMPECOPEA.

Campecopea, *Leach, Ed. Enc.* vii. p. 405 (hirsuta).
Oniscus, sp. *Mont. Linn. Trans.*

1. CAMPECOPEA HIRSUTA. Hairy Sea Pill-ball.

Campecopea hirsuta, *Leach, Ed. Enc.* vii. p. 405; *Linn. Trans.* xi. p. 367; *Dict. Sc. Nat.* xii. p. 341; *Desm. Cons.* t. 47, f. 1; *Guerin, Icon.* t. 30, f. 3; *M. Edw. Crust.* iii. p. 220.
Oniscus hirsutus, *Mont. Linn. Trans.* vii. p. 71, t. 6, f. 7.

a—c. S. Coast of Devonshire. From the collection of Dr. Leach.

2. CAMPECOPEA CRANCHII. Cranch's Sea Pill-ball.

Campecopea Cranchii, *Leach, Dict. Sc. Nat.* xii. p. 341; *Desm. Cons.* p. 294; *M. Edw. Crust.* iii. p. 220.

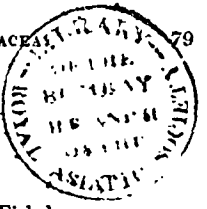
a, b. Cornwall (Falmouth). From the collection of Mr. Cranch.

Tribe 5. *CYMOTHOITA.*

Cymothoades, *Latr. Fam. Nat.* p. 292.
Cymothoadiens, *M. Edw. Crust.* iii. p. 226.
Asellota, pt. *Latr. Gen. Crust. et Ins.* i. p. 63.

FAM. I. ÆGIDÆ.

Cymothoadiens errans, *M. Edw. Crust.* iii. p. 233.



1. CIROLANA.

Cirolana, *Leach*, *Dict. Sc. Nat.* xii. p. 347.

1. CIROLANA CRANCHII. Cranch's Fish-louse.

Cirolana Cranchii, *Leach*, *Dict. Sc. Nat.* xii. p. 347; *Desm. Cons.* p. 303; *M. Edw. Crust.* iii. p. 236.

a. Cornwall (Falmouth). From the collection of Mr. John Cranch.

2. CIROLANA HIRTIPES. Hairy-legged Fish-louse.

Cirolana hirtipes, *M. Edw. Crust.* iii. p. 236, t. 31, f. 25; *Cuv. R. A.* (Crocb.) t. 67, f. 6; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 246.

Ireland. (W. Thompson, Esq.)

2. EURYDICE.

Eurydice, *Leach*, *Linn. Trans.* xi. p. 370.

1. EURYDICE PULCHRA. Pretty Fish-louse.

Eurydice pulchra, *Leach*, *Linn. Trans.* xi. p. 370; *Dict. Sc. Nat.* xii. p. 347; *Desm. Cons.* p. 302; *M. Edw. Crust.* iii. p. 238; *Thomp.* (*W.*) *Ann. Nat. Hist.* xx. p. 240.

a, *b*. Devon (Bantham). From the collection of Dr. Leach.

3. ÆGA.

Ægа, *Leach*, *Linn. Trans.* xi. p. 369.
Oniscus, sp. *Penn. Brit. Zool.*
Cymothoa, pt. *Latr. R. A.* iii. p. 55 (1817).

1. ÆGA BICARINATA. Two-keeled Fish-louse.

Ægа bicarinata, *Leach*, *Dict. Sc. Nat.* xii. p. 349; *Desm. Cons.* p. 305; *M. Edw. Crust.* iii. p. 241; *Cuv. R. A.* (Croch.) t. 67, f. 2.

a. Britain. From the collection of Dr. Leach.

2. ÆGA TRIDENS. Leach's Three-toothed Fish-louse.

Ægа tridens, *Leach, Linn. Trans.* xi. p. 370; *M. Edw. Crust.* iii. p. 242.

a—*c*. Belfast. Presented by Col. Portlock, R.E.

3. CONILERA.

Conilera, *Leach, Dict. Sc. Nat.* xii. p. 348.

1. CONILERA CYLINDRACEA. Cylindrical Fish-louse.

Oniscus cylindraceus, *Mont. Linn. Trans.* vii. p. 71, t. 6, f. 8.
Conilera Montagui, *Leach, Linn. Trans.* xi. p. 370; *Dict. Sc. Nat.* xii. p. 349; *Desm. Cons.* p. 305; *M. Edw. Crust.* iii. p. 242.

a. Devon From the collection of Col. Montagu.
b. Cornwall. Presented by D. W. Mitchell, Esq.

4. ROCINELA.

Rocinela, *Leach, Dict. Sc. Nat.* xii. p. 349.
Ægа, pt. *Johnston, Mag. Nat. Hist.* vii. p. 233.

1. ROCINELA DANMONIENSIS. Devon Fish-louse.

Rocinela Danmoniensis, *Leach, Dict. Sc. Nat.* xii. p. 349; *Desm. Cons.* p. 304; *M. Edw. Crust.* iii. p. 244.

a. Devon (Plymouth). From the collection of Dr. Leach.

2. ROCINELA MONOPHTHALMA. Great-eyed Fish-louse.

Rocinela monophthalma, *M. Edw. Crust.* iii. p. 244.
Ægа monophthalma, *Johnston, Mag. Nat. Hist.* vii. p. 233, f. 43.

a. Berwick Bay (on Codfish). Presented by Dr. G. Johnston.
b. Northumberland. Presented by R. Howse, Esq.

Tribe 6. *EPICARIDITA.*

Isopodes Sedentaires, *M. Edw. Crust.* iii. p. 277.
Epicarides. *Latr. Fam. Nat.* p. 291.
Vermes, pt. *Leach, Ed. Enc.* vii. p. 429 (olim).

Fam. I. IONIDÆ.

Ioniens, *M. Edw. Crust.* iii. p. 279.

1. IONE.

Ione, *Latr.* (*Lam. Hist. An. sans Vert.*)
Oniscus, sp. *Mont. Linn. Trans.* ix. p. 103.

1. Ione thoracicus. Mud Shrimp-louse.

Ione thoracicus, *Latr. Lam. Hist. An. sans Vert.* v. p. 170; *Desm. Cons.* p. 286, t. 46, f. 10; *Guerin, Icon.* t. 62, f. 1, 2; *M. Edw. Crust.* iii. p. 280, t. 33, f. 14, 15; *Cuv. R. A.* (Croch.) t. 59, f. 1.
Oniscus thoracicus, *Mont. Linn. Trans.* ix. p. 103, t. 5, f. 3.
a. Devon. From the collection of Col. Montagu.

Fam. II. BOPYRIDÆ.

Bopyriens, *M. Edw. Crust.* iii. p. 281.
Asellota, II., *Latr. Gen. Crust. et Ins.* i. p. 66 (1806).

1. BOPYRUS.

Bopyrus, *Latr. Hist. Nat. Crust.* vii. p. 50 (1804).
Monoculus, sp. *Fabr.*

1. Bopyrus squillarum. Shrimp-fixer.

Bopyrus squillarum, *Latr. Hist. Crust.* vii. p. 55, t. 59, f. 2; *Gen. Crust. et Ins.* i. p. 67, t. 2, f. 4; *Lam. Hist. An. sans Vert.* v. p. 164; *Desm. Cons.* p. 325, t. 49, f. 8—14; *Guerin, Icon.* t. 29; *Exp. Morée.* p. 46; *M. Edw. Crust.* iii. p. 282.

Monoculus crangorum, *Fabr. Ent. Syst. Suppl.* p. 306; *Fouger, Mem. Acad. Sc.* 1772, p. 29, t. 1.

a—f. Devon. From the collections of Col. Montagu and Dr. Leach.

g—n. Sussex (Little Hampton). From the collection of Dr. Leach.

o. Great Britain. Presented by Mrs. Mauger.

Sub-class II. ENTOMOSTRACA.

Entomostraca, *Müller*, *Ent.* 1785.
Monoculus. *Linn. Syst. Nat.* 1735.
Synistata, pt. *Fabr. Syst. Ent.* p. 294 (1775).
Crustaces sessiliocles, pt. *Lam. Syst. An. sans Vert.* 1801.
Agonata, pt. *Fabr. Syst. Ent.* ii. p. 419 (1775).
Ostracodermata, pt. *Burm. Organ. der Trilob.* t. *opp.* p. 38 (1843).
Branchioptéres, *Blainv. Princ. Anat. Comp.*
Entomostracés, *Blainv. Princ. Anat. Comp.*
Les Monocles, *Jurine.*

Legion I. BRANCHIOPODA.

Branchiopoda pt. *Lam. Hist. An. sans Vert.* 1818.
Monoculus, *Linn.*

Order I. PHYLLOPODA.

Phyllopoda, *Latr. Hist. Nat. Crust.* iv. p. 130 (1802); *Gen. Crust. et Ins.* i. p. 14 (pt.); *Haan, Faun. Jap.* (1833).
Lamellipedes, *Lam. Hist. An. sans Vert.* v.
Geans, *Lam. l. c.*
Clypeacés ou Aspidiotes, pt. *Dumeril, Zool. Anal.* p. 175.
Phyllopa, *Latr. R. A.* iv.

Tribe 1. *PHYLLOPODITA.*

Fam. I. APODIDÆ.

Apus, *M. Edw. Crust.* iii. p. 356.
Phyllopoda, *Leach, Ed. Enc.* vii.
Apidæ, *Burm. Organ. der Trilob.* t. *opp.* p. 38, 1843 (not *Leach*).
Apodidæ, *Baird, Brit. Ent.* p. 18.
Aspidiphora, pt. *Latr. Fam. Nat.* p. 301.

1. APUS.

Apus, *Schæffer, Mon.* (1756).
Monoculus, *Linn.*
Binoculus, *Geoff. Ins. Par.* II.
Limulus, *Müller; Lam. Syst. An. sans Vert.* p. 169.
Triopes, *Schrank, Faun. Boic.* iii. (1803).

1. APUS CANCRIFORMIS. Shield-Shrimp.

Apus cancriformis, *Schæffer, Mon.* t. 1—5, 1756; *Latr. Hist. Crust.* iv. t. 19—27; *Savigny, Mem. An. sans Vert.* t. 7; *Desm. Cons.* t. 52, f. 1; *Guerin, Icon.* t. 34, f. 2; *M. Edw. Crust.* iii. p. 360; *Croch. R. A.* t. 75, f. 1; *Baird, Brit. Ent.* p. 30, t. 1. f. 1—3.
Scolopendra aquatica, *Klein, Phil. Trans.* 1737, p. 150, t. 1, f. 2.
Απους, *Frisch. Ins.* x. t. 1, f. *a—g.*
Binoculus cauda biseta, *Geoff. Ins.* ii. t. 21, f. 4.
Monoculus apus, *Linn. Syst. Nat.* ii. p. 1058.
Limulus palustris, *Müller, Ent.* p. 127.
Binoculus palustris, *Müller, Zool. Dan. Prod.* p. 2407.
Limulus cancriformis, *Lam. Syst. An. sans Vert.* p. 169; *Hist. An. sans Vert.* v. p. 215.
Triopes palustris, *Schrank, Faun. Boic.* iii. p. 251.
Branchipus cancriformis, *Schæffer, Elem. Ent.* t. 29, f. 1, 2.
Binoculus cancriformis, *Leach, Dict. Sc. Nat.* xiv. p. 538.
Apus Montagui, *Leach, Ent. Brit. Suppl.* i. p. 405, t. 20, f. 1—3. *Sam. Ent. U. Comp.* p. 78.

a. Hampshire (Christchurch). From the collection of Dr. Leach.
b, c. Bristol. Presented by W. Clayfield, Esq.
Bexley Common. (Rev. L. Brown).

FAM. II. NEBALIADÆ.

Nebaliadæ, *Leach, Sam. Ent. U. Comp.* p. 100 (1819); *Baird, Brit. Ent.* p. 31 (1849).
Schizopoda, II., pt. *Latr. Fam. Nat.* p. 282.
Nebalidea, pt. *Haan. Faun. Jap. Exp.* p. 15 (1833).

1. NEBALIA.

Nebalia, *Leach*, *Zool. Misc.* i. p. 99 (1814).
Cancer, pt. *Herbst.*
Monoculus, pt. *Mont. Linn. Trans.* ii.

1. NEBALIA BIPES. The Nebalia.

Nebalia bipes, *Baird*, *Rep. Brit. Assoc.* 1847, p. 75 ; *Brit. Ent.* p. 36, t. 2, f. 1.
Cancer bipes, *O. Fabr. Faun. Grœnl.* p. 246, f. 2 ; *Herbst*, ii. t. 34, f. 7.
Nebalia Herbstii, *Leach*, *Zool. Misc.* i. t. 44 ; *Linn. Trans.* xi. p. 351 ; *Desm. Cons.* p. 243 ; *Thomp. Zool. Res.* t. 11, f. 1.
Monoculus rostratus, *Mont. Linn. Trans.* xi. t. 2, f. 5.
Nebalia Montagui, *Thomp. Zool. Res.* iii. t. 11, f. 2.
Nebalia glabra, *Lam. An. sans Vert.* v. p. 345.
Nebalia ciliata, *Lam. l. c.*

a—*c*. British Coast (under stones lying on mud amongst hollows of rock). Presented by C. Prideaux, Esq.
d. Shetland. Presented by Robert M'Andrew, Esq.
Coast of Devon (S. & S. W. Coast of England).
W. Coast of Ireland.

FAM. III. BRANCHIPODIDÆ.

Branchiopoda, *Leach*, *Dict. Sc. Nat.* xiv.
Branchipiens, *M. Edw. Crust.* iii. p. 364.
Branchipusidæ, *Baird*, *Trans. Berw. Nat. Club*, 1845.
Branchipidæ, *Burm. Organ. der Tril. t. opp.* p. 38 (1843).
Branchipodidæ, *Baird*, *Brit. Ent.* p. 38.
Ceratophthalma, *Latr. Fam. Nat.* p. 302.
Denudés ou Gymnonectes, pt. *Dumeril*, *Zool. Anal.* p. 177 (1806).

1. CHIROCEPHALUS.

Chirocephalus, *Prevost*, *Journ. de Phys.* (1803).
Ino, *Schrank*, *Faun. Boic.* (1803).
Branchipus, *Leach* (nec. *Schæff.*)
Cancer, *Shaw.*
Branchiopoda, *Leach*, *Sam. Ent. U. Comp.* (1819).

1. Chirocephalus diaphanus. The Lady-Shrimp.

Chirocephalus diaphanus, *Prevost*, *Journ. de Phys.* 57, p. 37; *Jurine*, *Hist.* p. 201, t. 20—22; *Baird*, *Brit. Assoc. Rep.* 1847, p. 75; *Brit. Ent.* p. 53, t. 3, f. 1, 2.
Squilla lacustris minima, *Petiver*, *Gaz.* t. 21, f. 7 (1709).
Branchipus paludosus, *Desm. Cons.* t. 56, f. 2, 5.
Branchipus Prevostii, *Fisch. Bull. Mosc.* vii.
Chirocephalus Prevostii, *Thomp. Zool. Res.* vii. t. 3, f. 4, 5, t. 4, f. 1.
Branchipus chirocephalus, *Guerin*, *Icon.* t. 33, f. 3.
Branchiopoda stagnalis, *Leach*, *Sam. Ent. U. Comp.* p. 81.
Branchipus stagnalis, *Leach*, *Dict. Sc. Nat.* xiv. p. 542; *M. Edw. Croch. R. A.* t. 74, f. 2.
Branchipus diaphanus, *M. Edw. Crust.* iii. p. 53.
Cancer stagnalis, *Shaw*, *Linn. Trans.* i. p. 103, t. 9, f. 4, 5.
Ino piscina, *Schrank*, *Faun. Boic.* iii. p. 249.
Remarkable Aquatic Insect, *King*, *Phil. Trans.* 1762, p. 72, t. 4.
a—c. Jump, near Plymouth. From the collection of Col. Montagu.
d—e. Near Chudleigh, Devon. From the collection of Col. Montagu.
f—j. Blackheath. Presented by Dr. Baird.
Epping, Bristol, Brighton, Hammersmith.

2. ARTEMIA.

Cancer, *Linn. Syst. Nat.* i. p. 1056.
Gammarus, pt. *Fabr. Syst. Ent.* p. 419 (1775).
Branchipus, pt. *Latr.*
Artemia, *Leach*, *Dict. Sc. Nat.* xiv.
Artemisus, *Lam. An. sans Vert.*
Artemis, *Thomp.* (not *Poli*).

1. Artemia salina. Brine-Shrimp.

Artemia salina, *Leach*, *Dict. Sc. Nat.* xiv. p. 543; *Desm. Cons.* p. 393; *Aud. and Payen*, *Ann. Sc. Nat.* 2me *ser.* vi. p. 219, x. p. 315; *Joly*, *Ann. Sc. Nat.* 2 *ser.* xii. t. 7, 8; *M. Edw. Crust.* iii. p. 370; *Baird*, *Brit. Ent.* p. 61, t. 2, f. 2—4.

Artemis salinus, *Thomp. Zool. Res.* v. p. 104, t. 1, f. 1—10, t. 2.
Cancer salinus, *Linn. Syst. Nat.* xii. p. 1056.
Gammarus salinus, *Racket, Linn. Trans.* xi. p. 205, t. 14, f. 8—10; *Penn. Brit. Zool.* iv. p. 18.
Artemisus salinus, *Lam. An. sans Vert.* v. p. 199.
Branchipus salinus, *Latr. Cuv. R. A.* iii. p. 68.
Brine Worm, *Schlosser, Gauth. Obs. Per.* 1756, t.

a—z. Saltpans, Lymington, Hampshire. Presented by J. Abernethy, J. Coombe, and S. Stevens, Esqs.

ORDER II. CLADOCERA.

Cladocera, *Latr. Cuv. R. A.* iv. p. 151.
Daphnides, *Strauss, Mem. Mus. d'Hist. Nat.* v.
Daphnoides, *M. Edw. Crust.* iii. p. 372.
Cladocéres, *M. Edw. l. c.*
Monophthalma, pt. *Latr. Gen. Crust. et Ins.* i. p. 17.
Ostracoda, I., pt. *Latr. Fam. Nat.* p. 300.
Lophyropoda, pt. *Haan, Faun. Jap. Exp.* p. 16 (1833); *Burm. Organ. der Tril.* t. *opp.* p. 38.
Bitestacés ou Ostracins, pt. *Dumeril, Zool. Anal.* p. 177 (1806).
Denudés ou Gymnonectes, pt. *Dumeril, Zool. Anal.* 177 (1806).

Tribe 1. *DAPHNITA.*

Daphnia, *Müller.*
Daphnides, *Strauss.*
Daphnidiens, pt. *M. Edw. Crust.* iii. p. 374.
Daphniadæ, *Baird, Brit. Ent.* p, 62.

FAM. I. DAPHNIADÆ.

Daphnina, *Baird, Brit. Ent.* p. 88.

1. DAPHNIA.

Daphne, *Müller, Zool. Dan. Prod.* (not *L.*)
Daphnia, *Müller, Entom.*
Monoculus, *Linn.*

1. DAPHNIA PULEX. The Branched Water-Flea.

Daphnia pulex, *Latr. Crust.* iv. p. 223, t. 33, f. 2, 3; *Strauss-Dürck. Mem. Mus.* v. t. 29, f. 1—20; *Desm. Cons.* p. 372, t. 54, f. 3—5; *Guerin, Icon.* t. 33, f. 1; *Baird, Ann. Nat. Hist.* i. p. 254, t. 9, f. 1—12; *M. Edw. Crust.* iii. p. 379; *Baird, Brit. Ent.* p. 89, t. 6, f. 1—3, ♂. ♀. t. 9, f. 5, jun., t. 7, f. 3, 4, var. *longispina*, t. 11, f. 3—5, var. *magna.*

Monoculus pulex, *Linn. Syst. Nat.* ii. p. 1058; *Jurine, Hist. Mon.* p. 85, t. 8, f. 1, 2, t. 11, f. 3—5.
Daphne pulex, *Müller, Zool. Dan. Prodr.* p. 2400.
Daphnia pennata, *Müller, Ent.* p. 82, t. 12, f. 4—7.
Branchipus conchiformis, *Schæffer, Elem. Ent.* t. 29, f. 3, 4.
Monoculus, *Bradley, Phil. Acc.* p. 202, t. 25, f. 5.
Pulex arborescens, *Swammerdam, Hist. Ans.* p. 68, t. 1; *Bibl. Nat.* t. 31, f. 1, 3.
Animaletti aquatici, *Redi. Obs.* t. 16, f. 5.
Puceron branchu, *Tremblay, Mem.* p. 92, t. 6, f. 3.
Le Perroquet d'eau, *Geoff. Ins. Par.* ii. p, 655.
Monoculus pulex ramosus, *Degeer, Mem.* vii. p. 442, t. 27, f. 1—4.
Daphnia ramosa, *Koch, Deutsch. Crust.* p. 35, t. 18.
Daphnia media, *Koch, l. c.* p. 37, t. 1.
Daphnia ephippiata, *Koch, l. c.* p. 35, t. 16.
Var. Daphnia magna, *Strauss, Mem. Mus.* v. t. 29, f. 21, 22; *M. Edw. Crust.* iii. p. 380; *Tremblay, Mem.* t. 6, f. 11.
Var. Daphnia longispina, *Müller*, p. 88, t. 12, f. 8—10; *Ramdohr, Beitr.* p. 24, t. 7; *Strauss, Mem. Mus.* v. t. 29, f. 23, 24; *M. Edw. Crust.* iii. p. 380; *Koch, Deuts. Crust.* p. 35, t. 17.
Monoculus longispina, *Fabr.; Degeer, Mem.* vii. t. 27, f. 1—4.
Water-flea, with branched horns, *Baker, Micr.* t. 12, f. 14.

a—c. Near London. From the collection of Dr. Leach.
d—g. Highgate Ponds. Presented by Dr. Baird, F.L.S.

2. Daphnia psittacea. Parrot-beaked Water-flea.

Daphnia psittacea, *Baird, Brit. Ent.* p. 92, t. 9, f. 3, 4.
a—f. Blackheath, Kent. Presented by Dr. Baird, F.L.S.

3. Daphnia Schæfferi. The Large Water-flea.

Daphnia Schæfferi, *Baird, Brit. Ent.* p. 93, t. 7, f. 1, 2, t. 8, f. A 1.
Wasserfloh, *Schæff.* t. 1, f. 8.
Branchipus conchiformis primus, *Schæff. El. Ent.* t. 29, f. 3, 4.
Daphnia pulex, *Koch. Deuts. Crust.* p. 35, t. 15.
Daphnia, *Rymer Jones, Outl.* p. 330, f. 155.
a—f. Kent (Bexley Heath).
g—k. Middlesex (Norwood Green). Presented by Dr. Baird, F.L.S.

4. DAPHNIA VETULA. The Blunt-pointed Water-flea.

Daphnia vetula, *Müller, Zool. Dan. Prod.* p. 199; *Sulz. Ins.* p. 266, t. 30, f. 10; *Strauss-Durck. Mem. Mus.* v. t. 29, f. 25, 26; *Baird, Ann. Nat. Hist.* i. p. 255, t. 9, f. 13; *Proc. Berw. Nat. Club*, ii. p. 148; *Brit. Ent.* p. 95, t. 10, f. 1—1 *a*.
Daphne vetula, *Müller, Zool. Dan. Prod.* No. 2399.
Daphnia sima, *Müller, Entomostr.* p. 91, t. 12, f. 11, 12; *Gruith. Nov. Act. Nat. Cur.* xiv. 399, t. 24, f. 1—6; *Desm. Cons.* p. 373; *M. Edw. Crust.* p. iii. p. 382; *Koch, Deuts. Crust.* p. 35, t. 12.
Monoculus exspinosus, *Degeer, Mem.* vii. p. 457, t. 27, f. 9—11.
Pulex non caudatus, *Schæff. Mon.* t. 1, f. 9.
Monoculus lævis, *Fabr. Ent. Syst.* ii. p. 492.
Monoculus conchaceus, *Donov. Brit. Crust.* i. t. 5, f. 1.
Monoculus nasutus? *Jurine, Mon.* t. 13, f. 1.
Daphnia congener, *Koch, Deuts. Crust.* p. 35, t. 13.
Daphnia exspinosa, *Koch, l. c.* t. 11.
Monoculus simus, *Jurine, Mon.* p. 129, t. 12, f. 1, 2.

a—f. Near London. Presented by Dr. Baird, F.L.S. Belfast.

5. DAPHNIA RETICULATA .Netted Water-flea.

Daphnia reticulata, *Desm. Cons.* p. 374; *Baird, Proc. Berw. Nat. Club*, ii. p. 148; *Brit. Ent.* p. 97, t. 7, f. 5, t. 12, f. 1, 2; *M. Edw. Crust.* iii. p. 381.
Monoculus reticulatus, *Jurine, Hist.* p. 139, t. 14, f. 3, 4.
Daphnia quadrangula, *Müller. Ent.* p. 90, t. 13, f. 4.
Monoculus quadrangularis, *Manuel, Enc. Meth.* vii. t. 265, f. 8, 9.

Near Berwick and London (Dr. Baird).

6. DAPHNIA ROTUNDA. Strauss' Water-flea.

Daphnia rotunda, *Strauss, Mem. Mus.* v. t. 29, f. 27, 28; *Baird, Proc. Berw. N. Club*, ii. p. 148; *Brit. Ent.* p. 98, t. 10, f. 4, t. 9, f. 6, jun.
Daphnia rotundata, *M. Edw. Crust.* iii. p. 381.
Daphnia reticulata, *Baird, Ann. & Mag. N. Hist.* i. p. 257, t. 9, f. 14.
Daphnia quadrangula, *Koch, Deuts. Crust.* p. 35, t. 19?
Daphnia mucronata, *Koch, l. c.* t. 20?
Daphnia angulosa, *Koch, l. c.* t. 22, young?

a. Near London. Presented by Dr. Baird, F.L.S.

7. DAPHNIA MUCRONATA. Pointed Water-flea.

Daphnia mucronata, *Müller*, *Ent.* 94, t. 13, f. 5, 6; *M. Edw. Crust.* iii. 382; *Baird*, *Proc. Berw. Nat. Club*, ii. p. 148; *Brit. Ent.* p. p. 99, t. 10, f. 2, 3.
Monoculus bispinosus, *Degeer*, *Mem.* vii. t. 28, f. 3—8.
Monoculus mucronatus, *Jurine*, *Hist.* t. 14, f. 1, 2.
Daphnia bispinosus, *Koch*, *Deuts. F. Crust.* p. 8, t. 1.
Daphnia mucronata, var. acute-rostrata, *Baird*, *Brit. Ent.* t. 10, f. 3.
Daphnia mucronata, var. obtuse-rostrata, *Baird*, *Brit. Ent.* t. 10, f. 2.

a—k. Near London. (Isleworth, &c.) Presented by Dr. Baird.

2. MOINA.

Daphnia, *Müller*.
Monoculus, *Fabr.*
Pasithea, *Koch* (not *Kroyer*).
Moina, *Baird*, *Brit. Ent.* (1850).

1. MOINA RECTIROSTRIS. Straight-beaked Water-flea.

Daphnia rectirostris, *Müller*, *Ent.* t. 12, f. 1, 2.
Monoculus rectirostris, *Fabr. Ent. Syst.* ii. 493; *Jurine*, *Mon.* t. 13, f. 3, 4.
Pasithea rectirostris, *Koch*, *Deuts. Crust.* p. 35, t. 24.
Pasithea gibba, *Koch*, *l. c.* p. 36, t. 16?
Daphnia macrocopus, *Strauss*, *Mem. Mus.* v. t. 29, f. 30.
Moina rectirostris, *Baird*, *Brit. Ent.* p. 101, t. 11, f. 1, 2.

Blackheath, Kent.

2. MOINA BRACHIATA. Armed Water-flea.

Daphnia brachiata, *Desm. Cons.* 373; *M. Edw. Crust.* iii. 383; *Baird*, *Zoologist*, 1843, p. 193; *Proc. Berwicksh. N. Club*, ii. 148.
Monoculus brachiatus, *Jurine*, *Hist.* p. 131, t. 12, f. 3, 4.
Moina brachiata, *Baird*, *Brit. Ent.* p. 102, t. 9, f. 1, 2.

a—g. Near London (Blackheath and Old St. Pancras Road). Presented by Dr. Baird, F.L.S.

3. MACROTHRIX.

Daphnia, *Müller.*
Lynceus, *Desm. Cons.*
Monoculus, *Jurine, Mon.*
Macrothrix, *Baird, Ann. & Mag. Nat. Hist.* xi. p. 87 (1843).
Acanthocercus, *Schœdler, Erichs. Arch.* (1846).

1. MACROTHRIX LATICORNIS. Broad-horned Water-flea.

Macrothrix laticornis, *Baird, Ann. & Mag. Nat. Hist.* xi. p. 87, t. 2, f. 9, 10; *Brit. Ent.* p. 103, t. 15, f. 2.
Monoculus laticornis, *Jurine, Mon.* p. 151, t. 15, f. 6, 7.
Daphnia curvirostris, *Müller, Ent.* p. 93? t. 13, f. 1, 2?
Acanthocercus curvirostris, *Schœdler, Erichs. Arch.* 1846.

a—d. Near London, Southall, Highgate. Presented by Dr. Baird. Ireland, Belfast.

2. MACROTHRIX ROSEUS. Pink Water-flea.

Monoculus roseus, *Jurine, Hist.* p. 150, t. 15, f. 4, 5.
Daphnia rosea, *M. Edw. Crust.* iii. 384; *Yarrell, Brit. Fishes,* ii. p. 93 (vignette).
Macrothrix roseus, *Baird, Brit. Ent.* p. 104; *Berw. Nat. Club,* ii. p. 149.

Lochmaben (Sir Wm. Jardine).

4. BOSMINA.

Monoculus, *Jurine.*
Lynceus, *Müller.*
Daphnia, *M. Edw.*
Bosmina, *Baird, Berw. Nat. Club.* (1845).
Eunica, *Koch, Deuts. Crust.*

1. BOSMINA LONGIROSTRIS. Long-beaked Water-flea.

Bosmina longirostris, *Baird, Ann. & Mag. N. Hist.* xvii. p. 412, t. 9 B, f. 1; *Brit. Ent.* p. 105, t. 15, f. 3.
Lynceus longirostris, *Müller, Ent.* p. 76, t. 10, f. 7, 8.
Monoculus cornutus, *Jurine, Hist.* p. 142, t. 14, f. 8—10.

Daphnia cornuta, *Baird*, *Ann. Nat. Hist.* i. 256, t. 9, f. 15; *M. Edw. Crust.* iii. p. 382.
Bosmina cornuta, *Baird*, *Proc. Berw. N. Club*, ii. p. 149.
Eunica longirostris, *Koch*, *Deuts. Crust.* p. 35, t. 23.
Food of Vendace (Lochmaben), *Knox*, *Edin. Roy. Soc. Trans.* xii. pt. 2, t. 11, f. 3 and 5 (1834).

a—g. Near London (New River and Highgate Ponds). Presented by Dr. Baird.
Lochmaben.

Fam. II. SIDIDÆ.

Sidina, *Baird*, *Brit. Ent.* p. 106.

1. SIDA.

Daphnia, *Müller*.
Monoculus, *Degeer*.
Sida, *Strauss*, *Mem. Mus. d'Hist. Nat.* v. (1821).

1. Sida crystallina.

Sida crystallina, *Strauss*, *Mem. Mus.* v.; *M. Edw. Crust.* iii. p. 385; *Baird*, *Proc. Berw. Nat. Club*, ii. p. 148; *Brit. Ent.* p. 107, t. 12, f. 3, 4, t. 13, f. 1—4.
Daphnia crystallina, *Müller*, *Entom.* p. 96, t. 14, f. 1—4.
Monoculus elongatus, *Degeer*, *Ins.* vii. t. 29, f. 1 *h*.

a—g. Overstone Park, Northamptonshire. Presented by Dr. Baird, F.L.S.
Near London (Isleworth), Dr. Baird.
Ireland (near Dublin), W. Thompson, Esq.

2. DAPHNIDELLA.

Daphnella, *Baird* (*olim*), *Brit. Ent.* p. 109, t. 14, f. 1—4 (not *Hinds.*)
Daphnidella, *Baird*, *MSS.*

1. DAPHNIDELLA WINGII. Wing's Water-flea.

Daphnidella Wingii, *Baird, Brit. Ent.* p. 109, t. 14, f. 1—4.
Middlesex.
Surrey (near Richmond).

FAM. III. POLYPHEMIDÆ.

Cephalota (p.) *Latr. Gen. Crust. et Ins.* i. p. 20.
Polyphemidæ, *Baird, Trans. Berw. Nat. Club.* (1845); *Dana, Proc. Amer. Acad. Art. & Sci.* (1849).

1. POLYPHEMUS.

Monoculus, *Linn.*
Polyphemus, *Müller, Ent.*
Cephaloculus, *Lam. Syst. An. s. Vert.* p. 170 (1801).
Scalicerus, *Koch, Deuts. Crust.*

1. POLYPHEMUS PEDICULUS. Fresh-water All-eye.

Polyphemus pediculus, *Strauss, Mem. Mus.* v.; *M. Edw. Crust.* iii. p. 389; *Baird, Brit. Ent.* p. 111, t. 17, f. 1.
Monocle, &c., *Geoffr. Ins.* ii. p. 656.
Monoculus Pediculus, *Linn. Faun. Suec.* p. 2048; *Syst. Nat.* p. 1058; *Sulzer, Insect.* t. 30, f. 8 *a*.
Monoculus pediculus ramosus, *Degeer, Mem.* vii. p. 467, t. 28, f. 9—13.
Polyphemus stagnorum, *Latr. Cuv. R. A.* iv. p. 163; *Leach, Dict. Sc. Nat.* xiv. p. 540; *Desm. Cons.* t. 54, f. 1.
Monoculus Polyphemus, *Jurine, Hist.* p. 143, t. 15, f. 1—3.
Polyphemus oculus, *Müller, Entom.* p. 119, t. 20, f. 1—5; *Leach, Sam. Ent. U. Comp.* p. 81; *Baird, Trans. Berw. N. Club*, ii. p. 149.
Cephaloculus stagnorum, *Lam. Syst. An. s. Vert.* p. 170; *Hist. An. s. Vert.* v. p. 131.

Scalicerus pediculus, *Koch, Deutsch. Cr.* h. 37, t. 2.
a, b. Near London (Richmond). Presented by Dr. Baird, F.L.S.

2. EVADNE.

Evadne, *Loven*, *Zool. Bidr.*

1. Evadne Nordmanni.

Evadne Nordmanni, *Loven*, *Zool. Bidr.* t. 1, 2; *K. V. Acad. Hand.* t. 1, f. 1—8; *M. Edw. Crust.* iii. 390, t. 36, f. 7; *Goodsir, Edin. New Phil. Journ.* xxxiii. t. 6, f. 15, 16; *Baird, Proc. Berw. N. H. Club*, ii. p. 150; *Brit. Entom.* p. 114, t. 17. f. 2.

a. Firth of Forth. Presented by H. Goodsir, Esq., Surg. R.N.

Fam. IV. LYNCEIDÆ.

Lynceidæ, *Baird*, *Brit. Ent.* p. 115.
Lynceus, *Müller.*
Daphnides, pt. *Strauss.*
Daphnidiens, pt. *M. Edw.*
Daphnidæ, pt. *Baird*, *Ann. & Mag. N. Hist.*

1. EURYCERCUS.

Eurycercus, *Baird*, *Ann. & Mag. N. Hist.* ii. p. 88; *Brit. Entom.* p. 123.
Lynceus, *Müller*, sp.

1. Eurycercus lamellatus. Flat-tailed Water-flea.

Eurycercus lamellatus, *Baird*, *Ann. & Mag. Nat. Hist.* xi. 88, pl. 2, f. 1—8; *Proc. Berw. N. H. Club*, ii. p. 150; *Brit. Ent.* p. 124, t. 15, f. 1—1 *a*, *l.*
Lynceus lamellatus, *Müller*, *Zool. Dan. Prodr.* p. 3396; *Entomostr.* p. 73, t. 9, f. 4—6; *M. Edw. Crust.* iii. p. 388; *Koch*, *Deutsch. Crust.* p. 36, t. 9.

a—f. Isleworth, &c., near London. Presented by Dr. Baird, F.L.S.
Yetholm (Roxburghshire).

2. CHYDORUS.

Chydorus, *Leach*, *Enc. Brit. Suppl.*; *Baird*, *Brit. Ent.* p. 125.
Lynceus, *Müller*, sp.

1. Chydorus sphæricus. Spherical Water-flea.

Chydorus sphæricus, *Baird*, *Ann. & Mag. N. Hist.* xi. p. 89, t. 2, f. 11—13; *Proc. Berw. Nat. Club*, ii. p. 150; *Brit. Ent.* p. 126, t. 16, f. 8.
Lynceus sphæricus, *Müller*, *Ent.* p. 71, t. 9, f. 7—9; *M. Edw. Crust.* iii. p. 386; *Pritchard*, *Microsc. Cab.* t. 8, f. 3; *Koch*, *Deutsch. Crust.* p. 36, t. 13.
Monoculus infusorius, *Schrank*, *En. Ins. Austr.* p. 536; *Eickhorn*, *Beytr. Nat.* t. 3, f. *d* *; (C. Eickhorni, *Baird*, *l. c.* p. 126, note ?)
Monoculus sphæricus, *Jurine*, *Hist.* p. 157, t. 16, f. 3.
Chydorus Mulleri, *Leach*, *Enc. Brit. Suppl.*; *Dict. Sc. Nat.* xiv. p. 541.

a—m. Near London, &c.; ponds and ditches.

2. Chydorus globosus. Globular Water-flea.

Chydorus globosus, *Baird*, *Ann. & Mag. N. Hist.* xi. p. 90, t. 3, f. 1—4; *Proc. Berw. N. Club*, ii. p. 150; *Brit. Entom.* p. 127, t. 16, f. 7.

Near Richmond and Isleworth.
Regent's Park.

3. CAMPTOCERCUS.

Camptocercus, *Baird*, *Ann. & Mag. N. Hist.* xi. p. 91; *Brit. Entom.* p. 128.
Lynceus, *Müller*.

1. Camptocercus macrourus. Long-tailed Water-flea.

Camptocercus macrourus, *Baird*, *Ann. & Mag. N. Hist.* xi. p. 91, t. 3, f. 5, 6; *Proc. Berw. N. Club*, ii. p. 150; *Brit. Entom.* p. 128, t. 16, f. 9.

Lynceus macrourus, *Müller, Ent.* p. 77, t. 10, f. 1—4; *M. Edw. Crust.* iii. p. 388.

a—k. Highgate, Richmond, near London. Presented by Dr. Baird, F.L.S.

4. ACROPERUS.

Acroperus, *Baird, Ann. & Mag. N. Hist.* xi.; *Brit. Entom.* p. 129.
Lynceus, pt., *Baird, Proc. Berw. Nat. Club*, i.

Acroperus harpæ. Harp-shaped Water-flea.

Acroperus harpæ, *Baird, Ann. & Mag. N. Hist.* xi. p. 91, t. 3, f. 7; *Proc. Berw. Nat. Club*, ii. p. 151; *Brit. Entom.* p. 129, t. 16, f. 5.
Lynceus harpæ, *Baird. Proc. Berw. N. Club*, i. p. 100, t. 2, f. 17.
Lynceus leucocephalus, *Koch, Deutsch. Crust.* p. 36, t. 10.

a—e. Near Richmond. Presented by Dr. Baird.
Osterly Park.
Yetholm.
Dunglass.

2. Acroperus nanus. Dwarf-harp Water-flea.

Acroperus nanus, *Baird, Ann. & Mag. N. Hist.* xi. p. 92, t. 3, f. 8; *Proc. Berw. Nat. Club*, ii. p. 151; *Brit. Entom.* p. 130, t. 16, f. 6.

Norwood and Southall, near London.

5. ALONA.

Alona, *Baird, Ann. & Mag. Nat. Hist.* xi.; *Brit. Ent.* p. 131.
Lynceus, *Müller*, sp.

1. Alona quadrangularis. Square Water-flea.

Alona quadrangularis, *Baird, Ann. & Mag. Nat. Hist.* xi. p. 92, t. 3, f. 9—11; *Proc. Berw. Nat. Club*, ii. p. 151; *Brit. Entom.* p. 131, t. 46, f. 4.
Lynceus quadrangularis, *Müller, Ent.* p. 72, t. 9, f. 1—3; *M. Edw. Crust.* iii. p. 388; *Koch, Deutsch. Crust.* f. 36, t. 15.

Monoculus striatus, *Jurine*, *Hist.* t. 16, f. 1, 2?
Monoculus quadrangulus, *Gmel. S. N.* p. 3008.

Near Richmond, Peaseburn, Berwickshire, and near Yetholm.

2. ALONA RETICULATA. Netted-square Water-flea.

Alona reticulata, *Baird*, *Ann. & Mag. Nat. Hist.* xi. p. 93, t. 3, f. 12; *Proc. Berw. Nat. Club*, ii. p. 151; *Brit. Entom.* p. 132, t. 16, f. 3.

Near Southall.

3. ALONA OVATA. Egg-shaped Water-flea.

Alona ovata, *Baird*, *Brit. Ent.* p. 133, t. 16, f. 2.

Blackheath.

6. PLEUROXUS.

Pleuroxus, *Baird*, *Ann. & Mag. Nat. Hist.* xi.
Lynceus, *Müller*, sp.

1. PLEUROXUS TRIGONELLUS. Three-cornered Water-flea.

Pleuroxus trigonellus, *Baird*, *Ann. & Mag. Nat. Hist.* xi. p. 93, t. 3, f. 13; *Trans. Berw. Nat. Club*, ii. p. 151; *Brit. Ent.* p. 134, t. 17, f. 3.
Lynceus trigonellus, *Müller*, *Ent.* p. 74, t. 10, f. 5, 6; *M. Edw. Crust.* iii. p. 387; *Koch*, *Deutsch. Crust.* p. 36, t. 14.

a—d. Hanwell (Middlesex). Presented by Dr. Baird.
Near London (Copenhagen Fields).
Berwickshire and Yetholm.

2. PLEUROXUS UNCINATUS. Hook-beaked Water-flea.

Pleuroxus uncinatus, *Baird*, *Brit. Ent.* p. 135, t. 17, f. 4.

a. Middlesex (Hanwell).

3. PLEUROXUS HAMATUS. Hook-armed Water-flea.

Pleuroxus hamatus, *Baird*, *Ann. & Mag. Nat. Hist.* xi. p. 94, t. 3, f. 14; *Trans. Berw. Nat. Club.* ii. p. 151; *Brit. Ent.* p. 136, t. 17, f. 5.

Lynceus hamatus, *Baird, Proc. Berw. Nat. Club*, i. 100, t. 2, f. 18.
Yetholm.

7. PERACANTHA.

Peracantha, *Baird, Ann. & Mag. Nat. Hist.* xi.; *Brit. Ent.* p. 136.
Lynceus, *Müller*, sp.

1. PERACANTHA TRUNCATA. Blunt Water-flea.

Peracantha truncata, *Baird, Ann. & Mag. Nat. Hist.* xi. p. 94, t. 3, f. 15; *Proc. Berw. Nat. Club.* ii. p. 151; *Brit. Ent.* p. 137, t. 16, f. 1.
Lynceus truncatus, *Müller, Ent.* p. 75, t. 11, f. 4—6; *M. Edw. Crust.* iii. p. 388; *Koch. Deutsch. Crust.* p. 36, t. 11.
a—e. Near London (Copenhagen Fields, Richmond, &c.). Presented by Dr. Baird.
Near Yetholm.

Legion II. LOPHYROPODA.

Lophyropoda, *Leach*, *Dict. Sc. Nat.* xiv. p. 524 ; *Baird*, *Brit. Ent.* p. 138.
Lophyropa, *Latr. R. A.* iv. p. 150.
Lophyropa, pt. *Desm. Cons.*
Ostrapoda, *Desm. Cons.*
Branchiopodes frangés, pt. *Lam. Hist. An. sans Vert.* v.
Aspidostraca, pt. *Burm. Organ. der Tril.* t. p. 38 (1843).

Order I. OSTRACODA.

Ostracoda, *Latr. Hist. Nat. Crust.*; *Baird*, *Brit. Ent.* p. 138.
Ostracoda, II., *Latr. Fam. Nat.* p. 300.
Bitestacés ou Ostracins, pt. *Dumeril*, *Zool. Anal.* p. 177 (1806).
Ostrapoda, *Strauss*, *Mem. Mus. d'Hist. Nat.*
Cyproides, *M. Edw. Crust.* iii. p. 393.
Ostracodes, *M. Edw. Crust.* iii. p. 393.
Lophyropoda ostracoda, *Burm. Organ. der Tril.* p. 38 (1843).
Cypridacea, *Dana*, *Proc. Am. Acad. Sc.* 1849.
Monophthalma, pt. *Latr. Gen. Crust. et Ins.* i. p. 17.

Fam. I. CYPRIDÆ.

Cypridæ, *Baird*, *Brit. Ent.* p. 139.
Cyproides, pt. *M. Edw. Crust.* iii. p. 393.
Cypris, sp. *Müller.*

1. CYPRIS.

Cypris, *Müller.*
Monoculus, *Linn.*
Monocles à coquille bivalve, *Jurine.*
Monoculus conchaceus, *Linn.*

1. CYPRIS TRISTRIATA. Three-streaked Water-flea.

Cypris tristriata, *Baird, Trans. Berw. Nat. Club*, i. p. 99, t. 3, f. 13, ii. p. 152; *Brit. Ent.* p. 152, t. 18, f. 1—1, a i, 2, 3.
Cypris virens, *Desm. Cons.* p. 384?; *M. Edw. Crust.* iii. p. 398.
Monoculus virens, *Jurine, Mon.* p. 174, t. 18, f. 15, 16?
Cypris pubera, *Baird, Mag. Zool. & Bot.* ii. p. 524, t. 9, f. 1—13.

a—c. Finchley Common. From the collection of Dr. Leach.
d—r. Near London (Highgate). Presented by Dr. Baird.
Berwickshire.

2. CYPRIS VIDUA. Widow Water-flea.

Cypris vidua, *Müller, Ent.* p. 55, t. 4, f. 7, 9; *Desm. Cons.* p. 385, t. 55, f. 4; *Baird, Mag. Zool. & Bot.* ii. p. 133, t. 5, f. 1; *M. Edw. Crust.* iii. p. 399; *Baird, Brit. Ent.* p. 152, t. 19, f. 10, 11.
Monoculus viduus, *Jurine*, p. 175, t. 19, f. 5, 6.
Monoculus viduatus, *Fabr. Ent. Syst.* ii. p. 496.

a—e. Near London (Blackheath, &c.). Presented by Dr. Baird.
f—z. Southall (Middlesex). Presented by Dr. Baird.
Warwick (Rugby).

3. CYPRIS MONACHA. Monk Water-flea.

Cypris monacha, *Müller, Ent.* p. 60, t. 5, f. 6—8; *Desm. Cons.* t. 55, f. 7; *Baird, Mag. Zool. & Bot.* ii. p. 133, t. 5, f. 2.; *M. Edw. Crust.* iii. p. 397; *Koch, Deutsch. Crust.* p. 2, t. 1; *Baird, Brit. Ent.* p. 153, t. 18, f. 6.
Monoculus monacha, *Jurine, Mon.* p. 173, t. 18, f. 13, 14.
Cypris nubilosa, *Koch, Deutsch. Crust.* p. 12, t. 4.

a—z. Near London (Southall) and at Windsor. Presented by Dr. Baird.
Warwickshire (Old Canal near Rugby).
Northumberland (Newham Loch).

3. CYPRIS FUSCA. Brown Water-shell-flea.

Cypris fusca, *Strauss-Durck. Mem. Mus.* vii. t. 4, f. 1—15; *Desm. Cons.* p. 384, t. 55, f. 1; *Baird, Mag. Zool. & Bot.* ii. p. 134, t. 5, f. 4; *Trans. Berw. Nat. Club*, ii. p. 152; *Guerin, Icon.* t. 32, f. 4; *M. Edw. Crust.* iii. p. 401, t. 36, f. 3; *Baird, Brit. Ent.* p. 154, t. 19, f. 7.

a—c. Near London. Presented by Dr. Baird.

33191

5. Cypris compressa. Compressed Water-shell-flea.

Cypris compressa, *Baird, Proc. Berw. Nat. Club*, p. 100, t. 3, f. 16; *Mag. Zool. & Bot.* ii. p. 136, t. 5, f. 7; *M. Edw. Crust.* iii. p. 400; *Baird, Brit. Ent.* p. 154, t. 19, f. 14.
Cypris punctata, *Koch, Deutsch. Crust.* p. 21, t. 23.
Cypris tenera, *Koch, Deutsch. Crust.* p. 12, t. 3.

a—p. Near London (Highgate). Presented by Dr. Baird.
Warwick (Rugby).
Roxburghshire (Yetholm).

6. Cypris minuta. Minute Water-shell-flea.

Cypris minuta, *Baird, Proc. Berw. Nat. Club*, i. p. 99, t. 3, f. 9; *Mag. Zool. & Bot.* ii. t. 5, f. 11; *Trans. Berw. Nat. Club*, ii. p. 152; *Brit. Ent.* p. 155, t. 18, f. 7, 8; *M. Edw. Crust.* iii. p. 403.
Monoculus ovum, *Jurine*, p. 179, t. 19, f. 18, 19?

a—z. Near London (Copenhagen Fields). Presented by Dr. Baird.
Roxburghshire (Yetholm).

7. Cypris Joanna. Joanna's Cypris.

Cypris Joanna, *Baird, Proc. Berw. Nat. Club*, i. p. 99, t. 3, f. 8, ii. p. 152; *Mag. Zool. & Bot.* ii. p. 136, t. 5, f. 12; *Brit. Ent.* p. 155, t. 18, f. 5; *M. Edw. Crust.* iii. p. 403.

Abbey, St. Bathan's (Berwickshire).

8. Cypris elongata. Long Water-shell-flea.

Cypris elongata, *Baird, Trans. Berw. Nat. Club*, i. p. 99, t. 3, f. 10; *Mag. Zool. & Bot.* ii. p. 137, t. 5, f. 13; *Brit. Ent.* p. 156, t. 19, f. 6; *M. Edw. Crust.* iii. p. 404.

Roxburghshire (Yetholm).

9. Cypris Westwoodii. Westwood's Cypris.

Cypris Westwoodii, *Baird, Trans. Berw. Nat. Club*, i. p. 99, t. 3, f. 12; *Mag. Zool. & Bot.* ii. p. 137, t. 5, f. 14; *Brit. Ent.* p. 156, t. 19, f. 9; *M. Edw. Crust.* iii. p. 400.

Roxburghshire (Yetholm).

10. CYPRIS GIBBOSA. Gibbous Cypris.

Cypris gibbosa, *Baird, Mag. Zool. & Bot.* ii. p. 137, t. 5, f. 15; *Brit. Ent.* p. 156, t. 19, f. 8; *M. Edw. Crust.* iii. p. 401.

Near London (Surrey Zoological Gardens).

11. CYPRIS CLAVATA. Club-shaped Cypris.

Cypris clavata, *Baird, Mag. Zool. & Bot.* ii. p. 137, t. 5, f. 16; *Brit. Ent.* p. 157, t. 18, f. 4; *M. Edw. Crust.* iii. p. 405.

Near London (Copenhagen Fields).

12. CYPRIS STRIGATA. Strigate Cypris.

Cypris strigata, *Müller, Ent.* p. 54, t. 4, f. 4—6; *Ramdohr, Beytr.* t. 4, f. 1—14; *Baird, Proc. Berw. Nat. Club*, ii. p. 152; *Brit. Ent.* p. 157.

Monoculus bistrigatus, *Jurine, Hist.* p. 177, t. 19, f. 12, 13.

Cypris bistrigata, *M. Edw. Crust.* ii. p. 403.

East Lothian (Thornton Loch).

13. CYPRIS ELLIPTICA. Elliptical Cypris.

Cypris elliptica, *Baird, Ann. & Mag. Nat. Hist.* xvii. p. 414, t. 9, f. 2; *Proc. Berw. Nat. Club*, ii. p. 152; *Brit. Ent.* p. 158, t. 19, f. 12.

a—n. Highgate. Presented by Dr. Baird.

14. CYPRIS SELLA. Saddle-marked Cypris.

Cypris sella, *Baird, Ann. & Mag. Nat. Hist.* xvii. p. 414, t. 9, f. 3; *Proc. Berw. Nat. Club*, ii. p. 152; *Brit. Ent.* p. 158, t. 19, f. 5.

a—x. Clapham Common. Presented by Dr. Baird.

15. CYPRIS AURANTIA. Orange Water-flea.

Cypris aurantia, *Desm. Cons.* p. 384; *M. Edw. Crust.* iii. p. 402; *Baird, Brit. Ent.* p. 159, t. 19, f. 13.

Monochus aurantius, *Jurine, Mon.* p. 173, t. 18, f. 5—12.

Windsor and Dover.

a—z. Blackheath and Bexley, Kent. Presented by Dr. Baird.

16. CYPRIS GIBBA. Swollen Water-flea.

Cypris gibba, *Ramdohr*, *Mag. Ges. Naturf. Berl.* t. 3, f. 13—17.
Cypris biplicata, *Koch*, *Deutsch. Crust.* p. 21, t. 16.
a, *b*. Ornamental Water (Regent's Park). Presented by T. Rupert Jones, Esq.
Charing, Kent. (T. Rupert Jones, Esq.)

2. CANDONA.

Candona, *Baird*, *Brit. Ent.* p. 159.
Cypris, *Müller*.

1. CANDONA LUCENS. Shining Water-flea.

Candona lucens, *Baird*, *Brit. Ent.* p. 160, t. 19, f. 1.
Cypris lucens, *Baird*, *Proc. Berw. Nat. Club.* i. p. 100, t. 3, f. 15.
Cypris candida, *Baird*, *Mag. Zool. & Bot.* ii. p. 134, t. 5, f. 3 (not C. candida, *Müller*).
Candona candida, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 153.
Cypris pellucida, *Koch*, *Deutsch. Crust.* ii. t. 5.
Cypris lucida, *Koch*, *Deutsch. Crust.* p. 21, t. 18.
Berwickshire and Roxburghshire.
a—g. Southall (Middlesex). Presented by Dr. Baird.

2. CANDONA REPTANS. Creeping Water-flea.

Candona reptans, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 160, t. 19, f. 3.
Cypris reptans, *Baird*, *Proc. Berw. Nat. Club*, i. p. 99, t. 3, f. 11; *Mag. Zool. & Bot.* ii. p. 135, t. 5, f. 5; *M. Edw. Crust.* iii. p. 400.
a—k. Near London. Presented by Dr. Baird.
l. Cornwall (Penzance). Presented by R. Couch, Esq.
Roxburghshire (Yetholm).
Northumberland (Newham Loch).
Berwickshire (Cocksburnpath).

3. CANDONA HISPIDA. Rough Water-flea.

Candona hispida, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 161, t. 19, f. 4.

Cypris hispida, *Baird, Proc. Berw. Nat. Club*, i. p. 99, t. 3, f. 14; *Mag. Zool. & Bot.* ii. p. 135, t. 5, f. 6; *M. Edw. Crust.* iii. p. 405.

Roxburghshire (Yetholm).
Surrey (near the Zoological Gardens).

4. CANDONA DETECTA. Smooth White-shell-flea.

Candona detecta, *Baird, Trans. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 161.
Cypris detecta, *Müller, Ent.* p. 49, t. 3, f. 1—3.
Smooth White Insect, *Müller, Phil. Trans.* p. 61, 230, t. 7, f. 1—3.

Yetholm.
a, *b*. Southall (Middlesex). Presented by Dr. Baird.

5. CANDONA SIMILIS. Similar Water-flea.

Candona similis, *Baird, Ann. & Mag. Nat. Hist.* xvii. p. 415, t. 9, f. 4; *Trans. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 162, t. 19, f. 2.

Clapham Common.

6. CANDONA TOROSA. Torose Water-flea.

Candona torosa, *Jones, Ann. & Mag. Nat. Hist.*
a—*c*. Gravesend Ditches. Presented by T. Rupert Jones, Esq.

FAM. II. CYTHERIDÆ.

Cytheridæ, *Baird.*
Cytherinen, *Rœm. Jahrb.* 1838.

1. CYTHERE.

Cythere, *Müller.*
Cytherina, *Lam.*
Cypridina, *Bosc.*
Bairdia, *M'Coy, Ann. & Mag. Nat. Hist.*

1. CYTHERE FLAVIDA. Yellowish Sea-shell-flea.

Cythere flavida, *Müller, Ent.* p. 66, t. 7, f. 5, 6; *Baird, Mag. Zool. and Bot.* ii. p. 142; *Brit. Ent.* p. 168, t. 21, f. 12, 12*a*; *M. Edw. Crust.* iii. p. 407.

a—*c*. Poole Bay, Dorset. Presented by T. Rupert Jones, Esq.
Berwickshire (Sea-shore).

2. CYTHERE RENIFORMIS. Kidney-shaped Sea-shell-flea.

Cythere reniformis, *Baird, Trans. Berw. Nat. Club*, i. p. 98, t. 3, f. 5; *Mag. Zool. & Bot.* ii. p. 142, t. 5, f. 16—22; *Brit. Ent.* p. 169, t. 20, f. 5, 5 *af*; *M. Edw. Crust.* iii. p. 408.

a—*d*. Berwick Bay (pools on the rocks). Presented by Dr. Baird.
e—*n*. Foreland, near Dover. Presented by Dr. Baird.

3. CYTHERE ALBO-MACULATA. White-spotted Sea-shell-flea.

Cythere albo-maculata, *Baird, Mag. Zool. & Bot.* ii. p. 142, t. 5, f. 23; *Trans. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 169, t. 20, f. 7; *M. Edw. Crust.* iii. p. 408.

Berwick Bay.
a, *b*. Dover. Presented by Dr. Baird.
c. Poole Bay, Dorset. Presented by T. Rupert Jones, Esq.

4. CYTHERE ALBA. White Sea-shell-flea.

Cythere alba, *Baird, Trans. Berw. Nat. Club*, i. p. 98, t. 3, f. 6; *Mag. Zool. & Bot.* ii. p. 143, t. 5, f. 24; *Brit. Ent.* p. 170, t. 20, f. 6; *M. Edw. Crust.* iii. p. 409.

East Lothian (Dunbar).

5. CYTHERE VARIABILIS. Variable Sea-shell-flea.

Cythere variabilis, *Baird, Proc. Berw. Nat. Club*, i. p. 98, t. 3, f. 7; *Mag. Zool. & Bot.* ii. p. 143, t. 5, f. 25; *Brit. Ent.* p. 170, t. 21, f. 10, 11; *M. Edw. Crust.* iii. p. 409.

Berwickshire Coast.
a—*d*. Dover. Presented by Dr. Baird.
e—*h*. Poole Harbour. Presented by T. Rupert Jones, Esq.

6. CYTHERE AURANTIA. Orange Sea-shell-flea.

Cythere aurantia, *Baird*, *Mag. Zool. & Bot.* ii. p. 143, t. 5, f. 26; *Brit. Ent.* p. 171, t. 21, f. 8; *M. Edw. Crust.* iii. p. 408.

a—d. Poole Harbour (Dorset). Presented by T. Rupert Jones, Esq.

Berwick Bay. (Dr. Baird).

7. CYTHERE NIGRESCENS. Blackish Sea-shell-flea.

Cythere nigrescens, *Baird*, *Mag. Zool. & Bot.* ii. p. 143, t. 5, f. 27; *Brit. Ent.* p. 171, t. 21, f. 4, 4 *a*; *M. Edw. Crust.* iii. p. 409.

Berwick Bay.

a—c. Dover. Presented by Dr. Baird.

8. CYTHERE MINNA. Minna Sea-shell-flea.

Cythere Minna, *Baird*, *Brit. Ent.* p. 171, t. 20, f. 4, 4 *a—d.*

Bairdia sillqua, var. *c.*? *Jones*, *Ent. Cret. Forn. Engl.*

Deep water. (R. M'Andrew, Esq.)

a. Shetland. Presented by Dr. Baird.

9. CYTHERE INOPINATA. Fresh-water Shell-flea.

Cythere inopinata, *Baird*, *Zoologist*, 1843, p. 195, f. *a—e*; *Trans. Berw. Nat. Club*, ii. p. 153; *Brit. Ent.* p. 172, t. 20, f. 1, 1 *a e.*

Middlesex (Pond between Hanwell and Southall).

10. CYTHERE ANGUSTATA. Narrow Sea-shell-flea.

Cythere angustata, *Baird*, *Brit. Ent.* p. 172, t. 21, f. 6.

Cytherina angustata, *Munster*, *Jahrb. f. Miner.* 1838, t. 6, f. 10.

Devonshire.

a—d. Tenby. Presented by Dr. Baird.

e—f. Poole Bay (Dorset). Presented by T. Rupert Jones, Esq.

11. CYTHERE ACUTA. Sharp Sea-shell-flea.

Cythere acuta, *Baird*, *Brit. Ent.* p. 173, t. 21, f. 5.

Arran (in sand).

12. CYTHERE PELLUCIDA. Clear Sea-shell-flea.

Cythere pellucida, *Baird*, *Brit. Ent.* p. 173, t. 21, f. 7.
Boston (in sand).

13. CYTHERE IMPRESSA. Impressed Sea-shell-flea.

Cythere impressa, *Baird*, *Brit. Ent.* p. 173, t. 21, f. 9.
a—d. Arran (in sand). Presented by T. Rupert Jones, Esq.
Torquay (in sand).

14. CYTHERE QUADRIDENTATA. 4-toothed Sea-shell-flea.

Cythere quadridentata, *Baird*, *Brit. Ent.* p. 173, t. 21, f. 2.
a, b. Dogger Bank. Presented by T. Rupert Jones, Esq.
In sand. From Boston, Torquay, and Arran.

15. CYTHERE CONVEXA. Convex Sea-shell-flea.

Cythere convexa, *Baird*, *Brit. Ent.* p. 174, t. 21, f. 3.
a—c. Tenby (in sand). Presented by Dr. Baird.
d—g. Arran (in sand). Presented by T. Rupert Jones, Esq.
Torquay.

16. CYTHERE VIRIDIS. Green Sea-shell-flea.

Cythere viridis, *Leach*, *Sam. Ent. U. Comp.* p. 81.
Scotland (Shores amongst Fuci and Confervæ).

17. CYTHERE SUBDELTOIDEA. 3-Cornered Sea-shell-flea.

Bairdia subdeltoidea, *T. Rupert Jones*, *Cret. Ent.* t. f.
Cytherina subdeltoidea, *Munster*, *Rœmer*, *Jahrb.* t. f.
a. Arran (var.), recent. Presented by T. Rupert Jones, Esq.

2. CYTHEREIS.

Cythereis, *Jones*, *Ent. Cret. Form.* 1849.
Cythere, *Munster*, *Jahrb. f. Miner.* sp.
Cytherina. *Rœmer*, sp.
Cypridina, *Bosquet*, *Mem. Lege.* 1847, sp.

1. CYTHEREIS WHITEII. White's Sea-shell-flea.

Cythereis Whiteii, *Baird, Brit. Ent.* p. 175, t. 20, f. 3, 3 *a*.
a—d. Tenby and Poole Bay. Presented by T. Rupert Jones, Esq. Torquay (in sand).

2. CYTHEREIS JONESII. Jones's Sea-shell-flea.

Cythereis Jonesii, *Baird, Brit. Ent.* p. 175, t. 20, f. 1.
Isle of Skye (in sand).

3. CYTHEREIS ANTIQUATA. Rubbed Sea-shell-flea.

Cythereis antiquata, *Baird, Brit. Ent.* p. 176, t. 20, f. 2.
Isle of Skye (in sand).

4. CYTHEREIS FIMBRIATA. Fringed Sea-shell-flea.

Cytherina fimbriata, *Rœmer, Jahrb.* (fid. *Jones*).
a. Arran (recent). Presented by T. Rupert Jones, Esq.

FAM. III. CYPRIDINADÆ.

Cypridinadæ, *Baird, l. c. infr.*

1. CYPRIDINA.

Cypridina, *M. Edw. Crust.* iii. p. 409.
Cyprella *Bosquet.*
Asterope, *Philippi, Wiegm. Arch.*

1. CYPRIDINA MACANDREI. M'Andrew's Deep Sea-shell-flea.

Cypridina Macandrei, *Baird, Ann. & Mag. Nat. Hist. n. s.* i. p. 21, t. 6 B, f. 1—7; *Brit. Ent.* p. 179, t. 22, f. 1 *a—g*.
a—c. Between Lewis and Skye, deep water. (R. M'Andrew, Esq.) Presented by Dr. Baird, F.L.S.

2. CYPRIDINA BRENDA. Shetland Deep Sea-shell-flea.

Cypridina Brenda, *Baird, Brit. Ent.* p. 181, t. 23, f. 1 *a—g*.
a—c. Shetland (deep water). Presented by Dr. Baird.

Tribe 2. *COPEPODITA.*

Copepoda, *Baird, Brit. Ent.* p. 182.
Carcinoides, pt. *Latr. R. A.* iv. p. 152.
Denudés ou Gymnonectes, pt. *Dumeril, Zool. Anal.* p. 177.
Copepodes, *M. Edw. Crust.* iii. p. 411.
Crophyropoda, A. *Burm.*
Copepoda Cyclopacea, *Dana, Proc. Amer. Acad. Art. & Sci.* 1847.
Pseudopoda, pt. *Latr. Gen. Crust. et Ins.* i. p. 19.
Univalvia, *Latr. Fam. Nat.* p. 300.

FAM. I. CYCLOPIDÆ.

Cyclopidæ, *Baird, Brit. Ent.* p. 183.
Monocles, pt. *M. Edw. Crust.* iii. p. 423.
Pseudopoda, pt. *Leach, Ed. Enc.* vii. p. 384.
Cyclopidées, *Leach, Dict. Sc. Nat.* xiv. p. 524.
Univalvia, *Latr. Fam. Nat.* p. 300 (1825).

1. CYCLOPS.

Cyclops, *Müller, Ent.* p. 109.
Monoculus, *Linn.*
Nauplius (young), *Müller, Ent.* p. 40.

1. CYCLOPS QUADRICORNIS. Satyr or Freshwater-flea.

Cyclops quadricornis, *Müller, Ent.* p. 109, t. 18, f. 1—4; *Latr. Gen. Crust. et Ins.* i. p. 19; *Ramd. Beytr.* i. t. 1, 2; *Baird, Mag. Zool. & Bot.* i. 321, t. 8, f. 1—4; *Brit. Ent.* p. 198, t. 24, f. 1—10.

Monoculus quadricornis, *Linn. Faun. Suec.* p. 2049; *Degeer, Mem.* vii. p. 483, t. 29, f. 11, 12, t. 30, f. 1—8; *Jurine, Hist.* i. t. 1—3.
Monocle a queue fourchue, *Geoff. Ins.* ii. p. 656, t. 21, f. 5.
Cyclops Geoffroyi, *Leach, Sam. Brit. Ins.* p. 81.
Cyclops vulgaris, *Leach, Dict. Sc. Nat.* xiv. p. 539; *Desm. Cons.* p. 362, t. 53, f. 1—4; *M. Edw. Crust.* iii. p. 425; *Cuv. R. A.* (Croch.) t. 72, f. 2.
Nauplius saltatorius, *Müller, Ent.* p. 40, t. 1, f. 3—7 (*juv.*).
Pediculus aquaticus, *Baker, Mic.* p. 383, t. 15, f. 1—4.
Small Water-Flea, *Pritchard, Mic. Cab.* p. 91, t. 9, f. 1, 2.
Satyr, *Baker, Empl. for Mic.* t. 12, f. 23—26 (*young*).
Food of Vendace, *Knox, Trans. Roy. Soc. Edin.* xii. t. 11, f. 4.
Var. Cyclops agilis, *Koch, Deutsch. Crust.* p. 21, t. 3.
Var. Cyclops quadricornis, var. rubens, albidus, viridis, fuscus, prasinus, *Jurine*, t. 1—3.
Var. Cyclops pictus, *Koch, Deutsch. Crust.* p. 21, t. 1.
Var. Cyclops pulchellus, *Koch, l. c.* p. 21, t. 2.
Var. Cyclops vulgaris, *Koch, l. c.* p. 21, t. 4.
Var. Cyclops obsoletus, *Koch, l. c.* p. 21, t. 5.
Var. Cyclops bistriatus, *Koch, l. c.* p. 21, t. 7.
Var. Cyclops lucidulus, *Koch, l. c.* p. 21, t. 10.
Var. Cyclops phaleratus, *Koch, l. c.* p. 21, t. 9.

Ponds and Ditches.
a, b. England. From the collection of Dr. Leach.
c—g. Near London. Presented by Dr. Baird.

2. CANTHOCAMPTUS.

Canthocamptus, *Baird, Brit. Ent.* p. 204.
Monoculus, *Linn.* sp.
Cyclops, *Müller*, sp.
Cyclopsina, sp. *M. Edw. Crust.* iii. p. 427.
Canthocampus, *Westwood, Ent. Text-Book*, p. 115.
Canthocarpus, *Baird, Proc. Berw. Nat. Club*, i. p. 97.
Harpacticus, pt. *Dana, Proc. Amer. Acad. Art. & Sc.* 1847.
Nauplius, *Philippi, Weigm. Arch.*
Amymone, *Müller, Ent.* (*juv.*)
Doris, *Koch.*

1. CANTHOCAMPTUS MINUTUS. Vaulter.

Canthocamptus minutus, *Baird*, *Brit. Ent.* p. 204, t. 25, f. 4, 8, t. 30, f. 3.
Cyclops minutus, *Müller*, *Ent.* p. 101, t. 17, f. 1—7; *Ramd. Beytr.* p. 10, t. 3, f. 1—9; *Lam. Hist. An. sans Vert.* v. p. 126; *Baird*, *Mag. Zool. & Bot.* i. p. 326, t. 9, f. 1—14.
Amymone satyra, *Müller*, *Ent.* p. 42, t. 2 (*jun.*).
Amymone Baccha, *Müller*, *l. c. jun.*
Monoculus staphylinus, *Jurine*, *Mon.* p. 74, t. 7, f. 1—19
Cyclops staphylinus, *Desm. Cons.* p. 363, t. 53, f. 6; *Baird*, *Proc. Berw. Nat. Club*, i. p. 97, t. 2, f. 1—20.
Cyclopsina staphylinus, *M. Edw. Crust.* iii. p. 428.
Nauplius minutus, *Philippi*, *Arch.* 1843, p. 69.
Doris minuta, *Koch*, *Deutsch. Crust.* p. 35, t. 3.
Vaulter, *Pritchard*, *Micr. Cab.* t. 9, f. 5.

a—e. Near London. Presented by Dr. Baird.

2. CANTHOCAMPTUS STRŒMII. Ström's Sea-Vaulter.

Canthocamptus Stromii, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 154; *Brit. Ent.* p. 208, t. 27, f. 3.
Cyclops Stromii, *Baird*, *Mag. Zool. & Bot.* i. p. 330, t. 9, f. 23—25.
Cyclops brevicornis, *Baird*, *Proc. Berw. Nat. Club*, i. (not *Müller*).
Canthocarpus Stromii, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 154.
Nauplius Stromii, *Philippi*, *Arch.* 1843, p. 69.
Strœm. Kiob. Selsk. Skrivt. ix. p. 590.

Pools on Sea-shore (Berwickshire, Dover).

3. CANTHOCAMPTUS FURCATUS. Forked Sea-Vaulter.

Canthocamptus furcatus, *Baird*, *Brit. Ent.* p. 210, t. 25, f. 1, 2, t. 30, f. 4—6.
Canthocarpus furcatus, *Baird*, *Trans. Berw. Nat. Club*, ii. p. 154.
Cyclops furcatus, *Baird*, *Mag. Zool. & Bot.* i. p. 330, t. 9, f. 26—28.
Cyclopsina furcatus, *M. Edw. Crust.* iii. p. 429.
Nauplius furcatus, *Philippi*, *Arch.* 1843, p. 69.

Berwick Bay, Dover, and Poole.

4. CANTHOCAMPTUS MINUTICORNIS. Small-horned Sea-Vaulter.

Canthocamptus minuticornis, *Baird, Brit. Ent.* p. 211, t. 25, f. 3.
Cyclops minuticornis, *Müller, Ent.* p. 117, t. 19, f. 14, 15.
Cyclops inermis, *Tilesius, Mem. Acad. Petersb.* v. t. 8, f. 9.
Canthocarpus minuticornis, *Baird, Proc. Berw. Nat. Club*, ii. p. 154.

Berwick Bay, Dover.

3. ARPACTICUS.

Arpacticus, *M. Edw. Crust.* iii. p. 430.
Cyclops, pt. *Müller, Ent.* p. 114.
Nauplius, pt. *Philippi, Arch.* 1843, p. 69.
Harpacticus, pt. *Dana.*

1. ARPACTICUS CHELIFER. Clawed Sea-water-flea.

Cyclops chelifer, *Müller, Ent.* p. 114, t. 19, f. 1—3; *Baird, Mag. Zool. & Bot.* i. p. 328, t. 9, f. 15—22.
Cyclops armatus, *Tilesius, Mem. Acad. Petersb.* v. p. 366, t. 8, f. 7, 8.
Cyclops Johnstoni, *Baird, Proc. Berw. Nat. Club*, i. p. 97, t. 2, f. 4.
Nauplius chelifer, *Philippi, Arch.* 1843, p. 69.
Arpacticus chelifer, *Baird, Proc. Berw. Nat. Club.* ii. p. 154; *Brit. Ent.* p. 212, t. 29, f. 2, 3.

Sea-coast (Berwick and Dover).

2. ARPACTICUS NOBILIS. Noble Sea-water-flea.

Arpacticus nobilis, *Baird, Proc. Berw. Nat. Club*, ii. p. 155; *Ann. and Mag. Nat. Hist.* p. 17, 416, t. 9, f. 5; *Brit. Ent.* p. 214, t. 28, f. 2, 2*a e.*

Berwick and Dover.

2. ALTEUTHA.

Alteutha, *Baird, Brit. Ent.* p. 216.
Cyclops, *Baird, Mag. Zool. & Bot.* i.

1. ALTEUTHA DEPRESSA. Flat Sea-water-flea.

Alteutha depressa, *Baird, Proc. Berw. Nat. Club*, ii. p. 155; *Brit. Ent.* p. 216, t. 30, f. 1, 2.
Cyclops depressus, *Baird, Mag. Zool. & Bot.* i. p. 331, t. 10, f. 9—12.

Berwick Bay.

FAM. II. DIAPTOMIDÆ.

Diaptomidæ, *Baird, Brit. Ent.* p. 218.

I. DIAPTOMUS.

Diaptomus, *Westw. Ent. Text-Book.*
Omethia, *Templeton, Trans. Ent. Soc.* ii. p. 118.
Cyclopsina, *M. Edw. Crust.* iii. p. 427.
Glaucea, *Koch, Deutsch. Crust.* p. 35.
Cyclops, sp. *Müller, Ent.* p. 104.
Monoculus, sp. *Linn.*

1. DIAPTOMUS CASTOR. Castor Water-flea.

Diaptomus castor, *Westw. Partington's Cycl. Nat. Hist. art. Cyclops; Baird, Brit. Ent.* p. 219, t. 26, f. 1—2 *a j.*
Monoculus castor, *Jurine, Mon.* p. 50, t. 4—6.
Cyclops castor, *Desm. Cons.* t. 53, f. 5; *Baird, Mag. Zool. & Bot.* i. p. 324, t. 10, f. 1—8.
Cyclopsina castor, *M. Edw. Crust.* iii. p. 427.
Var. Cyclops cæruleus, *Müller. Ent.* p. 102, t. 15, f. 1—9.
Var. Cyclops lacinulatus, *Müller, Ent.* p. 105, t. 16, f. 4—6, ♀.; *Ramd. Beytr.* p. 7, t. 2, f. 4—12.
Var. Cyclops rubens, *Müller, Ent.* p. 104, t. 16, f. 1—3; *Baird, Proc. Berw. Nat. Club*, i. p. 97, t. 2, f. 2 (*jun.*).
Var. Glaucea rubens, *Koch, Deutsch. Crust.* p. 35, t. 4, ♂. t. 5, ♀.
Var. Glaucea cærulea, *Koch, l. c.* p. 35, t. 6; *Baker, Micr. Made Easy*, p. 93, t. 9, f. 2.

Ponds and slow running water.
a—e. London. Presented by Dr. Baird.

2. TEMORA.

Temora, *Baird*, *Brit. Ent.* p. 227.
Calanus, *Leach*, *Dict. Sc. Nat.* xiv.
Cyclops, sp. *Müller*, *Ent.* p. 115.
Monoculus, sp. *Gunner*.

1. TEMORA FINMARCHICA. Long-horned Shine-shrimp.

Temora Finmarchica, *Baird*, *Brit. Ent.* p. 228, t. 28, f. 1, 1 *a g*.
Monoculus Finmarchicus, *Gunner*, *Act. Hafn.* x.
Cyclops Finmarchicus, *Müller*, *Zool. Dan. Prod.* p. 2415.
Cyclops longicornis, *Müller*, *Ent.* p. 115, t. 19, f. 7—9.
Calanus Finmarchianus, *Leach*, *Dict. Sc. Nat.* xiv.; *Krusenstern*, *Voy. Atlas*, t. 22, f. 14.
Ireland.

1. ANOMALOCERA.

Anomalocera, *Templeton*, *Trans. Ent. Soc.* ii. p. 35 (1837).
Irenæus, *Goodsir*, *Edin. New Phil. Journ.* xxxv. p. 339 (1843).
Pontia, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 156.

1. ANOMALOCERA PATERSONII. Splendid Shine-shrimp.

Anomalocera Patersonii, *Templeton*, *Ent. Trans.* ii. p. 35, t. 5, f. 1—3; *Baird*, *Brit. Ent.* p. 229, t. 27, f. 1 *a i*, 2 *a c*.
Irenæus splendidus, *Goodsir*, *Edin. New Phil. Journ.* xxxv. p. 338, t. 6, f. 13.
Pontia Patersonii, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 156; *Kroyer*, *Voy. en Scand.* pl. f.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

FAM. III. CETOCHILIDÆ.

Pontiens, *M. Edw. Crust.* iii. p. 412.
Pontiadæ, *Baird*, *Proc. Berw. Nat. Club*, ii. p. 155.
Cetochilidæ, *Baird*, *Brit. Ent.* p. 233.

1. CETOCHILUS.

Cetochilus, *Roussel de Vauzeme, Ann. Sc. Nat. 2me ser.* i. p. 333.

1. CETOCHILUS SEPTENTRIONALIS. Whale Long-shrimp.

Cetochilus septentrionalis, *Goodsir, Edin. New Phil. Journ.* xxxv. p. 336, t. 6, f. 1—11; *Thomp. (W.) Ann. Nat. Hist.* xx. p. 247; *Baird, Brit. Ent.* p. 235, t. 29, f. 1 *a g*.

a. Firth of Forth. Presented by Henry Goodsir, Esq., Surg., R.N.

1. NOTODELPHYS.

Notodelphys, *Allman, Ann. & Mag. Nat. Hist.* xx. p. 2 (1847).

1. NOTODELPHYS ASCIDICOLA. Allman's Notodelphys.

Notodelphys ascidicola, *Allman, Ann. & Mag. Nat. Hist.* xx. p. 2, 1, 2, f. 1—28; *Baird, Brit. Ent.* p. 238, t. 30, f. 7, 8.

a—d. Ireland (in the branchial sac of Ascidia communis). Presented by Dr. Allman.

ORDER II. PŒCILOPODA.

Pœcilopoda, *Latr. R. A.* iv.
Thecata, *Latr. Hist. Nat. Crust.* iv.
Branchiopodes parasites, *Lam. Hist. An. sans Vert.* v. p. 200.
Suceurs, pt. *M. Edw. Crust.* iii. p. 432.
Parasita, *Burm. Beitr. Rankenf.* p. 54.
Cormostomata, *Dana, Proc. Amer. Acad. Art. & Sci.* 1849, p. 53.

SUB-ORDER I. SIPHONOSTOMA.

Siphonostoma, *Latr. Cuv. R. A.* iv.; *Fam. Nat.* p. 305.
Caligacea, *Dana, Proc. Amer. Acad. Art. & Sci.* 1849.

Tribe 1. *PELTOCEPHALITA.*

Peltocephala, *M. Edw. Crust.* iii. p. 436.

FAM. I. ARGULIDÆ.

Argulidæ, *Leach, Dict. Sc. Nat.* xiv.
Argulieus, *M. Edw. Crust.* iii. p. 441.
Argulina, *Kroyer, Nat. Tidsk.* i. p. 200.
Pneumonura, pt. *Latr. Gen. Crust. et Ins.* i. p. 12.
Caligides, pt. *Latr. Fam. Nat.* p. 305.
Denudes ou Gymnonectes, pt. *Dumeril, Zool. Anal.* p. 177 (1806).

1. ARGULUS.

Argulus, *Müller, Ent.* (1785).
Ozolus, *Latr. Hist. Nat. Crust.* iv. (1802).
Binoculus, sp. *Geoff.*
Monoculus, sp. *Linn.*

1. ARGULUS FOLIACEUS. Fish Argulus.

Argulus foliaceus, *Jurine, Ann. Mus.* vii. p. 431, t. 26; (Copied, *Yarrell, Brit. Fishes*, ii.; *Desm. Cons.* p. 331, t. 50, f. 1); *Guerin, Icon.* t. 35, f. 1; *M. Edw. Crust.* iii. p. 444; (Croch.) *R. A.* t. 78, f. 1; *Vogt. Nouv. Mem. Soc. Helv.* vii. (1845), t. 1, f. 2; *Baird, Brit. Ent.* p. 255, t. 31, f. 1, 2.
Petit Insect Aquatique, *Lederm*, i. p. 76, t. 37.
Monoculus foliaceus, *Linn. Syst. Nat. ed* 10, p. 634.
Monoculus piscinus, (pt.) *Linn. Syst. Nat.* 12 *ed.* p. 1057 (*syn. excl.*)
Monoculus cauda-foliacea, *Læfling, Act. Ups.* t. 2, f. AD.
Argulus Delphinus, *Müller, Ent.* p. 123; *Herm. Mem. Apt.* p. 131, t. 5, f. 3, t. 6, f. 11; *Leach, Dict. Sc. Nat.* xiv. p. 529.
Monoculus argulus, *Fabr. Ent. Syst.* ii. p. 489.
Argulus argulus, *Leach, Ed. Enc.* vii. p. 388.
Monoculus Gyrini, *Cuv. Tabl. Elem.* p. 454.
Binoculus Gasterostei, *Geoff. Ins. Paris*, ii. p. 661; *Latr. Gen. Crust. et Ins.* i. p. 14.
Ozolus Gasterostei, *Latr. Hist. Crust. et Ins.* iv. p. 128, t. 29, f. 4.
Argulus charon, *Müller, Ent.* p. 124, t. 20, f. 1, 2.
Monoculus cyprinaceus, *Shaw, Nat. Misc.* p. 18, t. 736.
Fisch-laus, *Frisch, Ins. Deutsch.* vi. t. 10, f. *a*.
Louse of the Carp, *Baker, Micr.* p. 374, t. 14, f. 14.
Louse of the Banstickle, *Baker, l. c.* p. 376, t. 14, f. 15.

a—*d*. Parasitic on Carp and Banstickle. St. James's Park? Presented by Mr. John Marshall.
e. On Stickleback. Highgate Ponds. Presented by Dr. Baird.

FAM. II. CALIGIDÆ.

Caligides, pt. *Latr. Fam. Nat.* p. 305.
Caligidæ, *M. Edw. Crust.* iii. p. 445.
Caligina, pt. *Kroyer, Nat. Tidsk.* i. p. 200?
Pneumonura, pt. *Latr. Gen. Crust. et Ins.* i. p. 12.
Clypeacés ou Aspidiotes, *Dumeril, Zool. Anal.* p. 175 (1806).
Caligidea, pt. *Haan, Faun. Jap. Exp.* p. 16.

1. CALIGUS.

Caligus, *Müller*, *Entom.* p. 128 (1785).
Monoculus, sp. *Linn.*
Binoculus, sp. *O. Fabr.*
Pediculus, *Baster.*
Oniscus, *Slabber.*
Risculus, pt. *Leach*, *Dict. Sc. Nat.* xiv. p. 536.

1. Caligus diaphanus. Transparent Fish-louse.

Caligus diaphanus, *Nordmann*, *Micr. Beitr.* ii. p. 26; *Kroyer*, *Nat. Tidsk.* i. p. 623, t. 6, f. 5, ♀.; *M. Edw. Crust.* iii. p. 452; *Thomp. Ann. & Mag. Nat. Hist.* xx. p. 247; *Baird*, *Brit. Ent.* p. 269, t. 32, f. 1; *Baster*, *Op. Subs.* p. 2, t. 8, f. 9 B?

a—c. Old collection. ("Caligus piscinus").
d—g. Ireland (on various fish). Presented by W. Thompson, Esq.

2. Caligus rapax. Rapacious Fish-louse.

Caligus rapax, *M. Edw. Crust.* iii. p. 453, t. 38, f. 9; *Baird*, *Brit. Ent.* p. 270, t. 32, f. 2, 3.

a—e. Ireland (on various fish). Presented by W. Thompson, Esq.

3. Caligus Muelleri. Cod Fish-louse.

Caligus Mülleri, *Leach*, *Enc. Brit. Suppl.* i. p. 405, t. 20, f. 1—8; *Sam. Ent. U. Comp.* p. 79; *Dict. Sc. Nat.* xiv. p. 536; *Desm. Cons.* p. 342, t. 50, f. 4; *Johnston*, *Edin. New Phil. Journ.* x. p. 292, t. 7, f. 12, ♀. 13, ♂. (1824); *M. Edw. Crust.* iii. p. 450; *Baird*, *Brit. Ent.* p. 271, t. 32, f. 4, 5.
Risculus molvæ, *Leach*, *Dict. Sc. Nat.* xiv. p. 536, ♂?

a, b. Fifeshire (on the Cod). Presented by Dr. Spalding.
c—l. Ireland (on various fish). Presented by W. Thompson, Esq.

4. Caligus Centrodonti.

Caligus Centrodonti, *Baird*, *Brit. Ent.* p. 272, t. 32, f. 6, 7.
Ireland (on Pagellus centrodonti).

5. Caligus Sturionis.

Caligus Sturionis, *Kroyer*, *Nat. Tidsk.* t. 6, f. 6?

a. On Streaked Gurnard. Old collection.

1. LEPEOPHTHEIRUS.

Lepeophtheirus, *Nordm. Micr. Beitr.* ii. p. 28.
Caligus, pt. *Kroyer*.

1. Lepeophtheirus Stromii. The Salmon Fish-louse.

Lepeoptheirus Stromii, *Baird*, *Brit. Ent.* p. 274, t. 32, f. 8, 9.
Laxe luus, *Ström. Kiob. Selsk. Skr.* x. p. 23, t. 7, f. 1—7.
Caligus vespa, *Thomp. Ann. & Mag. Nat. Hist.* xx. p. 248 (not *M. Edw.*).
Caligus Stromii, *Baird*, *Proc. Berw. Nat. Club.* 1847.

a—*m*. Berwick Bay. (Parasitic on Salmon). Presented by Dr. Baird.

2. Lepeophtheirus pectoralis. Pectoral Fish-louse.

Lepeophtheirus pectoralis, *Nordm. Micr. Beitr.* ii. p. 30; *Kroyer*, *Nat. Tidsk.* i. t. 6, f. 4, ii. p. 8; *Baird*, *Brit. Ent.* p. 275, t, 32, f. 10.
Lernæa pectoralis, *Müller*, *Zool. Dan.* i. p. 41, t. 33, f. 7; *Blainv. Dict. Sc. Nat.* p. 26, 129.
Caligus pectoralis, *M. Edw. Crust.* iii. p. 454.
Pectoral Lernæa, *Shaw*, *Nat. Misc.* p. 8, t. 295.

a—*d*. England. (On Flounder).
e—*h*. Ireland (on various fish). Presented by W. Thompson, Esq.
South of England (on Callionymus lyra).

3. Lepeophtheirus Nordmannii. Sun-fish Fish-louse.

Lepeophtheirus Nordmannii, *Baird*, *Brit. Ent.* p. 275, t. 33, f. 1.
Caligus Nordmanni, *M. Edw. Cuv. R. A.* (Croch.) t. 77, f. 1; *Crust.* iii. p. 455; *Thomp. Ann. & Mag Nat. Hist.* xx. p. 248.

a—*d*. Ireland. (Parasitic on Orthagoriscus mola). Presented by W. Thompson, Esq.

4. LEPEOPHTHEIRUS HIPPOGLOSSI. Halibut Fish-louse.

Lepeophtheirus Hippoglossi, *Baird, Brit. Ent.* p. 276, t. 32, f. 12.
Caligus Hippoglossi, *Kroyer, Nat. Tidsk.* i. p. 625, t. 6, f. 3, ♀.
Caligus hippoglossis, *M. Edw. Crust.* iii. p. 456.
Binoculus piscinus, *O. Fabr. Faun. Gr.* p. 239.

a—j. Berwick Bay (on Halibut). Presented by Dr. Baird.

5. LEPEOPHTHEIRUS OBSCURUS. Brill Fish-louse.

Lepeophtheirus obscurus, *Baird, Brit. Ent.* p. 277, t. 32, f. 11.

Belfast Bay (on Brill).

6. LEPEOPHTHEIRUS THOMPSONI. Turbot Fish-louse.

Lepeophtheirus Thompsoni, *Baird, Brit. Ent.* p. 278, t. 33, f. 2.

Ireland (on Turbot).

1. CHALIMUS.

Chalimus, *Burm. Nov. Act. Cur. Bonn.* xvii.

1. CHALIMUS SCOMBRI. Long-snouted Sucker.

Chalimus scombri, *Burm. Nov. Act. Nat. Cur.* xvii. p. 294, t. 13, f. 13, 18; *M. Edw. Crust.* iii. p. 457; *Kroyer, Nat. Tidsk.* ii. p. 20, t. 1, f. 1; *Baird, Brit. Ent.* p. 279, t. 33, f. 5, 5 *a b.*

Ireland (Belfast Bay).

1. TREBIUS.

Trebius, *Kroyer, Nat. Tidsk.* ii.

1. TREBIUS CAUDATUS. The Skate Fish-louse.

Trebius caudatus, *Kroyer, Nat. Tidsk.* ii. p. 30, t. 1, f. 4; *M. Edw. Crust.* iii. p. 458; *Thomp. Ann. & Mag. Nat. Hist.* xx. p. 248; *Baird, Brit. Ent.* p. 280, t. 33, f. 3, 4.

a—d. On "Sharp-nosed Ray." Old collection.
e—g. Ireland (Belfast Bay, on Skate). Presented by W. Thompson, Esq.

Fam. III. PANDARIDÆ.

Pandaridæ, *Baird, Brit. Crust.* p. 281.
Pandarieus, pt. *M. Edw. Crust.* iii. p. 461.
Caligidæ, III. pt. *Leach, Dict. Sc. Nat.* xiv.
Pandarinæ, *Dana, Proc. Amer. Acad.*

1. DINEMOURA.

Dinemoura, *Latr. Cuv. R. A.* iv. p. 197; *M. Edw. Crust.* iii. p. 464.
Dinemura, *Nordm. Micr. Beitr.*
Dinematura, *Burm. Nov. Act. Nat. Cur.* xvii.
Pandarus, *M. Edw. Ann. Sc. Nat.* p. 28.

1. Dinemoura alata. Winged Shark-louse.

Dinemoura alata, *M. Edw. Crust.* iii. p. 464; *Baird, Brit. Ent.* p. 285, t. 33, f. 6, 7.
Pandarus alatus, *M. Edw. Ann. Sc. Nat.* p. 28, t. 8; *Johnston, Mag. Nat. Hist.* viii. p. 202, f. 22.
Dinematura alata, *Burm. Nov. Act. Nat. Cur.* xvii.

Berwick Bay (on Lamna monensis).

2. Dinemoura Lamnæ. Johnston's Shark-louse.

Dinemoura Lamnæ, *Baird, Brit. Ent.* p. 286, t. 33, f. 8.
Pandarus Lamnæ, *Johnston, Mag. Nat. Hist.* viii. p. 204, f. 22.
See laus von Hemorfisch, *Herbst, Berl. Ges Schrift.* i. t. 3, f. 1—8.

Berwick Bay (on Lamna monensis).

2. PANDARUS.

Pandarus, *Leach, Enc. Brit. Suppl.* p. 405.
Caligus, sp. *Lam.*
Pterygopode, *Latr. Fam. Nat.* p. 306 (1825).

1. PANDARUS BICOLOR. Leach's Shark-louse.

Pandarus bicolor, *Leach*, *Enc. Brit. Suppl* p. 405, t. 20, f. 1, 2; *Sam. Ent. U. Comp.* p. 79; *Dict. Sc. Nat.* xiv. p. 470, 535; *Desm. Cons.* p. 339, t. 5, f. 5; *M. Edw. Crust.* iii. p. 470; *Kroyer*, *Nat. Tidsk.* ii. t. 1, f. 6; *Baird*, *Brit. Ent.* p. 288, t. 33, f. 10.

Caligus bicolor, *Lam. An. sans Vert.* v. p. 210.

a—h. Devon (Torcross, on Squalus galeus). From the collection of Col. Montagu.

g. Falmouth (on Carcharias glaucus). Presented by W. P. Cocks, Esq.

2. PANDARUS BOSCII. Bosc's Shark-louse.

Pandarus Boscii, *Leach*, *Enc. Brit. Suppl.* p. 406, t. 20, f. 1—10; *Dict. Sc. Nat.* xiv. p. 535; *Desm. Cons.* p. 339; *Baird*, *Brit. Ent.* p. 289.

Caligus bicolor (var.), *Lam. Hist. An. sans Vert.* v. p. 210.

a. Devon (Torcross), on Mustelus lævis. From the collection of Col. Montagu.

FAM. IV. CECROPIDÆ.

Cecropidæ, *Baird*, *Brit. Ent.* p. 289.
Pandariens, pt. *M. Edw. Crust.* iii. p. 461.
Caligidæ, race 2, *Leach*, *Dict. Sc. Nat.* xiv.
Bopyridæ, pt. *Risso*, *Hist. Nat. Eur. Mer.*
Cecropinæ, *Dana*, *Proc. Amer. Acad. Art. & Sci.* p. 54 (1849).

1. CECROPS.

Cecrops, *Leach*, *Enc. Brit. Suppl.* i. (1816).

1. CECROPS LATREILLII. Sunfish-Sucker.

Cecrops Latreillii, *Leach*, *Enc. Brit. Suppl.* i. p. 405, t. 20, f. 1—5; *Desm. Cons.* p. 338, t. 50, f. 2; *Guerin*, *Icon.* t. 35, f. 8; *M. Edw. Crust.* iii. p. 474; *Baird*, *Brit. Ent.* p. 293, t. 34, f. 1, 2.

a, *b*. Salcombe. From an oblong Diodon of 300lbs. weight. Old collection (1800).

d. Selsey Bill, near Bognor, Sussex. Presented by G. Newport, Esq.
e. Ireland (near Dublin). Presented by W. Thompson, Esq.

1. LÆMARGUS.

Læmargus, *Kroyer*, *Tidsk.* i. p. 500.

1. LÆMARGUS MURICATUS. Muricated Sunfish-Sucker.

Læmargus muricatus, *Kroyer*, *Nat. Tids.* i. p. 487, t. 5, f. A D; *M. Edw. Crust.* iii. p. 475, t. 39, f. 2; *Baird*, *Brit. Ent.* p. 295, t. 34, f. 3, 4.

Ilfracombe (on Orthagoriscus mola).

Tribe 2. *PACHYCEPHALITA.*

Pachycephala, *M. Edw. Crust.* iii.; *Baird*, *Brit. Ent.* p. 295.

FAM. I. ANTHOSOMADÆ.

Anthosomadæ, *Baird*, *Brit. Ent.* p. 296.
Dichelestidæ, pt. *M. Edw. Crust.* iii. p. 481.
Caligidæ, race. 1, *Leach*, *Dict. Sc. Nat.* xiv.
Ergasilina, pt. *Kroyer.*

1. ANTHOSOMA.

Anthosoma, *Leach*, *Enc. Brit. Suppl.*
Caligus, sp. *Abildg.*
Otrophesa, *Risso*, *Hist. Nat. Eur. Mer.*

1. ANTHOSOMA SMITHII. Bud-like Shark-Sucker.

Anthosoma Smithii, *Leach*, *Enc. Brit. Suppl.* i. p. 406, t. 20, f. 1—6; *Dict. Sc. Nat.* xiv. p. 533; *Sam. Ent. U. Comp.* p. 80; *Desm. Cons.* p. 335, t. 50, f. 3; *Kroyer*, *Nat. Tidsk.* ii. p. 295, t. 2, f. 2; *Guerin*, *Icon.* t. 35, f. 9; *M. Edw. Crust.* iii. p. 483; *Cuv. R. A.* (Croch.) t. 79, f. 3; *Baird*, *Brit. Ent.* p. 299, t. 33, f. 9.

Caligus imbricatus, *Risso, Crust. Nice.* p. 162, t. 3, f. 13.
Caligus Smithii, *Lam. Hist. An. sans Vert.* v. p. 210.
Otrophesa imbricata, *Risso, Hist. Nat. Eur. Mer.* v. p. 136.

a, b. Devon (Exmouth), parasitic on Lamna cornubica. Presented by T. Smith, Esq.

Fam. II. DICHELESTHIDÆ.

Lernæiformes, *Latr. Fam. Nat.* p. 306.
Dichelestium, *Haan, Mem. Apt.* p. 125 (1804).

1. DICHELESTHIUM.

Caligus, sp. *M. Edw. Crust.* iii. p. 483.

1. Dichelesthium oblongum. Sturgeon-Sucker.

Dichelesthium sturionis, *Hermann, Mem. Apt.* p. 125, t. 5, f. 7, 8: *Desm. Cons.* p. 337, t. 50, f. 6; *Kroyer, Nat. Tidsk.* i. p. 299, t. 2, f. 5; *Guerin, Icon.* t. 35, f. 10; *Rathke. Nov. Act. Nat. Cur.* xix. p. 127, t. 17, f. 1—17; *M. Edw. Crust.* iii. p. 485, t. 39, f. 4; *Cuv. R. A.* (Croch.) t. 79, f. 2; *Thomp. Rep. Inv. Irel.*
Caligus oblongus, *Abildg. Selsk. Skrift.* iii. p. 52, t. 5, f. 4—11.
South of Ireland. (Thompson).

Fam. III. ERGASILIDÆ.

Ergasilidæ, *Baird, Brit. Ent.* p. 299.
Ergasiliens, *M. Edw. Crust.* iii. p. 476.
Nicothoidæ, *Dana, Proc. Amer. Acad. Sci. & Art.*
Lernæis forsan adnumeranda, *Haan, Faun. Jap. Exp.* 16.

1. NICOTHOE.

Nicothoë, *Aud. & Edw.*
Nicothoa, *M. Edw. Crust.* iii. p. 480 (1840).

1. NICOTHOE ASTACI. Lobster-louse.

Nicothoë astaci, *Aud. & Edw. Ann. Sc. Nat.* ix. p. 345, t. 49, f. 1—9; *Burm. Nov. Act. Nat. Cur.* xvii. p. 327; *Rathke, Nov. Act. Nat. Cur.* xx. p. 102, t. 5, f. 1—10; *Guerin, Icon.* t. 35, f., 12; *Kroyer, Nat. Tidsk.* ii. t. 3, f. 7; *Baird, Brit. Ent.* p. 307, t. 33, f. 11

Nicothoa astaci, *M. Edw. Crust.* iii. p. 481, t. 40, f. 23; *Cuv. R. A.* (Croch.) t. 79, f. 1.

London Market (on gills of Lobster).
a—z. Falmouth. Presented by W. P. Cocks, Esq.

Sub-order II. LERNÆADÆ.

Vermes, pt. *Linn. Syst. Nat.* ed. xii. p. 1092 (1766).
Lerneadæ, *Baird, Brit. Ent.*

Tribe 1. *ANCHORASTOMATITA.*

Anchorastomacea, *Baird, Brit. Ent.* p. 323.
Chondracanthiens, *M. Edw. Crust.* iii. p. 491.

Fam. 1. CHONDRACANTHIDÆ.

Chondracanthidæ, *Baird, Brit. Ent.* p. 323.

1. CHONDRACANTHUS.

Chondracanthus, *De la Roche, Nouv. Bull. Soc. Phil.* ii. (1811).
Lernacantha, *Blainv. Journ. de Phys.* xcv. p. 442 (1822).

1. Chondracanthus Zei. Dory-Sucker.

Chondracanthus Zei, *De la Roche, Nouv. Bull. Soc. Phil.* (1811) ii. p. 270, t. 2, f. 2; *Gurrin, Icon.* t. 9, f. 9; *M. Edw. Crust.* iii. p. 504; *Baird, Brit. Crust.* p. 327, t. 35, f. 1.
Lernacantha Delarochiana, *Blainv. Journ. de Phys.* xcv. p. 442, f. 13; *Desm. Cons.* p. 350 (excl. syn.).

a, *b*. S. Coast of England (on gills of Zeus faber). Mr. J. Couch. Mus. Leach.

2. LERNENTOMA.

Lernentoma, *Blainv, Journ. de Phys.* p. 95 (1822).
Anops, pt. *Oken, Lehrb.* (1815).
Entomoda, pt. *Lam. Hist. An. sans Vert.* iii. (1816).
Lernæa, pt. *Müller, Zool. Dan.*
Chondracanthus, pt. *Cuv.*

1. Lernentoma cornuta. Horned Lernæa.

Lernentoma cornuta, *Blainv. Journ. de Phys.* p. 95, 441; *Dict. Sc. Nat.* p. 26, 126; *Baird, Brit. Ent.* p. 328, t. 35, f. 2.
Chondracanthus cornutus, *Cuv. R. A.* iv. p. 258; *Nord. Beitr.* ii. p. 111, t. 9, f. 5, 6? *M. Edw. Crust.* iii. p. 500, t. 40, f. 18—22.
Lernæa cornuta, *Müller, Zool. Dan.* i. p. 80, t. 40, f. 6; *Prod.* ii. p. 227 (1766).
Entomoda cornuta, *Lam. Hist. An. sans Vert.* p. 685.
Anops cornuta, *Oken. Lehrb. der Nat.* iii.
Horned Lernæa, *Shaw, Nat. Misc.* viii. t. 295.

Ireland (on branchiæ of a sole).

2. Lernentoma asellina. Piper-Sucker.

Lernentoma asellina, *Blainv. Journ. Phys.* p. 95, 441; *Baird, Brit. Ent.* p. 329, t. 35, f. 4.
Lernæa asellina, *Linn. Faun. Suec.* p. 2101; *Syst. Nat.* i. p. 1093.
Lernentoma Triglæ, *Blainv. Journ. Phys.* p. 95, 441, t. 26, f. 12.
Chondracanthus Triglæ, *Nord. Micr. Beitr.* ii. p. 116, t. 9, f. 1—4; *Burm. Nov. Act. Nat. Cur.* p. 17; *Guerin, Icon.* t. 9, f. 8; *Kroyer, Tidsk.* ii. p. 135, t. 3, f. 3; *M. Edw. Crust.* iii. p. 502.
Lernæa cauda duplici tereti, *Linn. Wast. Res.* p. 171, t. 3, f. 4, *a b.*
Lernæa, *Cuv. R. A.* iii. t. 15, f. 4.

a. Falmouth (on the branchiæ of the Triglæ). Presented by J. Cranch, Esq.

3. Lernentoma Lophii. Angler-Sucker.

Lernentoma Lophii, *Baird, Brit. Ent.* p. 330.
Chondracanthus Lophii, *Johnston, Loud. Mag. Nat. Hist.* ix. p. 81, f. 16; *Rathke, Nov. Act. Nat. Cur.* xx. p. 116, t. 5, f. 11—18.
Chondracanthus gibbosus, *Kroyer, Tidsk.* i. p. 252, t. 2, f. 4.
Chondracanthus Delarochiana, pt. *M. Edw. Crust.* iii.

a—e. Coast of Devon and Scotland, Dr. Leach. Falmouth, J. Couch, Esq.

Tribe 2. *ANCHORACARPITA.*

Lerneopodiens, *M. Edw. Crust.* iii. p. 505.
Anchoracarpacea, *Baird, Brit. Ent.* p. 331.

Fam. I. LERNÆOPODIDÆ.

Lerneopodiens, pt. *M. Edw. Crust.* iii. p. 505.

1. LERNÆOPODA.

Lerneopoda, *Blainv. Journ. Phys.* t. xcv. p. 442.
Lernæa, *Linn.*
Pediculus, *Gisl.*
Entomoda, pt. *Lam. Hist. Nat. An. sans Vert.*

1. Lernæopoda elongata. Grant's Shark-Sucker.

Lerneopoda elongata, *Kroyer, Nat. Tidsk.* i. p. 259, t. 21, f. 12, t. 3, f. 3; *M. Edw. Crust.* iii. p. 515; *Baird, Brit. Ent.* p. 333, t. 35, f. 5.
Lernæa elongata, *Grant, Edin. Journ. Sci.* vii. p. 147, t. 2, f. 5.
Eye of the Greenland Shark, *Scoresby, Arctic Regions*, i. p. 538, t. 15, f. 5.
On a Shark, in London Market. (Mr. Yarrell).

2. Lernæopoda Galei. Kroyer's Shark-Sucker.

Lerneopoda Galei, *Kroyer, Nat. Tidsk.* i. p. 272, t. 3, f. 5; *M. Edw. Crust.* iii. p. 516; *Thomp. Ann. & Mag. Nat. Hist.* xx. p. 248; *Baird, Brit. Ent.* p. 334, t. 35, f. 7.
Belfast Bay (on Squalus galeus).

3. Lernæopoda salmonea. Salmon-Sucker.

Lerneopoda salmonea, *Blainv. Journ. Phys.* 1822, p. 127; *Baird. Brit. Ent.* p. 335, t. 35, f. 6.
Pediculus salmonis, *Gisler, Kon. Svensk. Acad. Handl.* xii. p. 171, t. 8, f. 1—5.
Lernæa salmonea, *Linn. Faun. Suec.* p. 509; *Syst. Nat.* i. p. 1093; *Ann. Sc. Nat.* ix. p. 352 (1826).

Cordiner, *Antiq. & Scen. N. Scotl.* t. 6. f. 2.
Entomoda salmonea, *Lam. Hist. An. sans Vert.* iii. p. 686.
Lerneopoda carpionis, *Kroyer, Tidsk.* i. t. 2, f. 6; *M. Edw. Crust.* iii. p. 515.

Scotland (parasitic on the gills of Salmon).

Fam. II. ANCHORELLADÆ.

Anchorelladæ, *Baird. Brit. Ent.* p. 336.
Lerneopodiens, pt. *M. Edw. Crust.* iii. p. 505.

1. ANCHORELLA.

Anchorella, *Cuv. R. A.* (1817), p.
Lernæa, pt. *Ström.*
Clavella, pt. *Oken. Lehrb.*
Lerneomyzon, *Blainv.*

1. Anchorella uncinata. Hooked-Sucker.

Anchorella uncinata, *Nordm. Micr. Beitr.* ii. p. 102, t. 8, f. 8, 9, t. 10, f. 1, 5; *Kroyer, Nat. Tidsk.* i. p. 290, t. 3, f. 8; *M. Edw. Crust.* iii. p. 519; *Baird, Brit. Ent.* p. 337, t. 35, f. 9.
Lernæa uncinata, *Müller, Zool. Dan.* i. p. 76, (1779) t. 33, f. 2; *Prodr.* ii. p. 226; *Johnston, Mag. Nat. Hist.* viii. p. 565, f. 53.
Scisturus (uncinata), *Oken. Lehrb.* iii. p. 183.
Clavella uncinata, *Oken. Lehrb.* iii.
Lernæomyzon uncinatum, *Blainv. Dict. Sci. Nat.* xxvi. p. 122.
Anchorella lagenula, *Enc. Brit.* ed. 7th, xxi. t. 502, f. 14.

British Seas (on branchiæ of species of Gadus).
a. Ireland (on Cod or Whiting). Presented by W. Thompson, Esq.

2. Anchorella rugosa.

Anchorella rugosa, *Kroyer, Nat. Tidsk.* i. p. 284, t. 2, f. 7, t. 3, f. 14, *a c*; *M. Edw. Crust.* iii. p. 519; *Baird, Brit. Ent.* p. 338, t. 35, f. 8.

Ireland (mouth of Gadus cellarias).

Tribe 3. *ANCHORACERATITA.*

Anchoraceracea, *Baird, Brit. Ent.* p. 338.
Lerneoceriens, pt. *M. Edw. Crust.* iii. p. 521.

Fam. 1. PENELLADÆ.

Penelladæ, *Baird, Brit. Ent.* p. 339.
Lerneoceriens, pt. *M. Edw. Crust.* iii.

1. LERNEONEMA.

Lerneonema, *M. Edw. Crust.* p. 339, iii. p. 524.
Lernæa, sp. *Sowerby.*
Lerneocera, *Blainv. Journ. Phys.* p. 95.
Lerneopenna, *Lesueur, Journ. Acad. Phil.* iii.

1. Lerneonema spratta. Eye-Sucker.

Lerneonema spratta, *Baird, Brit. Ent.* p. 341, t. 35, f. 10.
Lernæa spratta, *Sowerby, Brit. Misc.* t. 68; *Turton, Brit. Fauna*, i. p. 137.
Lerneonema monillaris, *M. Edw. Crust.* iii. p. 525, t. 41, f. 5.
Lernæa cyclophora, *Blainv. Journ. Phys.* p. 95, t. 26, f. 7 (part of Lern. sp.)
Lernéide articulée, *Blainv. l. c.* f. 17.
Eye-sucker, *Baker, Phil. Trans.* p. 35, 43, t. 1, f. 2, 3.

a. On the eye of Sprat. English Coast. Presented by Mr. W. Wing.

2. Lerneonema Encrasicoli. Body-Sucker.

Lerneonema Encrasicoli, *Baird, Brit. Ent.* p. 341, t. 35, f. 11.
Lernæa Encrasicoli, *Turton, Brit. Faun.* i. p. 137.

Ireland (Swansea Bay).
a, b. London Market (on the body of a Sprat). Presented by Mr. John Doubleday.

3. LERNEONEMA BAIRDII. Herring-Sucker.

Lerneonema Bairdii, *Salter*, *MSS.*

Devonshire (on Herring). Dr. Salter.

2. LERNEOCERA.

Lerneocera, *Blainv. Journ. Phys.* 1822.
Lernæa, sp. *Linn.*

1. LERNEOCERA CYPRINACEA. Carp-Sucker.

Lerneocera cyprinacea, *Blainv. Journ. Phys.* p. 95, 377 ; *Desm. Cons.* p. 346 ; *Burm. Nov. Act. Nat. Cur.* xvii. p. 309, t. 14 A, f. 1—3 ; *M. Edw. Crust.* iii. p. 527, t. 40, f. 16 ; *Baird, Brit. Ent.* p. 343, t. 35, f. 13.

Lernea cyprinacea, *Linn. Faun. Suec.* t. 2, f. 1 ; *Syst. Nat.* i. p. 1093 ; *Barbut, Genera*, t. 7, f. 3 ; *Turton, Brit. Fauna*, i. p. 137.

On the Carp and Roach.

3. LERNÆA.

Lernæa, pt. (*L.*) *Burm. M. Edw. Crust.* iii. p. 528.
Lerneocera, *Blainv. M. Edw. Crust.* iii. p. 526.

2. LERNEA BRANCHIALIS. Gill-Sucker.

Lernea branchialis, *Linn. Syst. Nat.* i. p. 1092 ; *Guerin, Icon.* t. 9. f. 1 ; *M. Edw. Crust.* iii. p. 528 ; *Kroyer, Nat. Tidsk.* i. p. 293, t. 3, f. 10? *Baird, Brit. Ent.* p. 344, t. 35, f. 12.

Lernæa gadina, *Müller, Zool. Dan.* iv. p. 65, t. 118, f. 4.

Lerneocera branchialis, *Blainv. Journ. Phys.* p. 95, 376, t. 26, f. 1, 1 *a*.

Lernea, *Strøm. Phys. Og. Œc. Besk.* t. 1, f. 18.

a, Gills of Cod. Belfast Bay. Presented by W. Thompson, Esq. Dublin, &c.

INDEX.

A.

Abnormales (Hyperines), 57
Acanthifera (Caprella), 60
Acanthocercus, 92
Acanthonotus, 51
Achæus, 4
Acroperus, 97
Acuminata (Idotea), 66
Acuminatum (Stenosoma), 66
Acuta (Cythere), 107
Acutifrons (Caprella) 60
Æga, 79
Ægidæ, 78
Agilis (Cyclops), 111
Agonata, 2, 83
Alata (Din.), 122
Alatus (Pand.), 122
Alba, (Cythere) 106
Albidus (Cyclops), 111
Albifrons (Jæra), 69
Albomaculata (Cythere), 106
Albunea, 21
Albus (Anonyx), 50
Alona, 97
Alpheens, 38
Alpheidæ, 38
Alpheus, 38
Alteutha, 113
Ambulantia (Isopoda), 63
Ampithoe, 50
Amphipoda, 47
Amphipoda, pt. 73
Amphipodes, 47
Amphithoe, 50
Amphitoe, 50
Amymone, 111
Anceadæ, 74
Anceens, 74
Anceus, 74
Anchoracarpacea, 129
Anchoracarpita, 129
Anchorastomatita, 127
Anchoraceracea, 131
Anchorella, 130
Anchorelladæ, 130
Angler-sucker, 128
Angustata (Cytherina), 107
Angulata (Gonopl.), 18
Angulatus (Cancer), 18
Angulosa (Daphn.), 90
Annulicornis (Pand.), 41
Anomalocera, 115
Anomoura, 22
Anomoures, 22
Anonyx, 49
Anops, 127
Anthosoma, 124
Anthosomadæ, 124
Anthura, 66
Anthuradæ, 64
Antiquata (Cythere), 109
Apidæ, 83
Apodidæ, 83
Appendiculata (Idotea), 66
Apseudes, 67
Apseudiada, 67
Apseudidæ, 67
Apseudii, 67
Apterures, 22
Apterurita, 22
Apus, 84
Apus (Monoculus), 84
Aquatica (Cymoth.), 69
,, (Scolop.), 84
Aquatici (Animaletti), 89
Aquaticus (Asellus), 69
,, (Gammar.), 52
,, (Oniscus), 71
,, (Pedic.), 111
Araneus (Cancer), 6
,, (Hyas), 6
Arborescens (Pulex), 89
Arctica (Lithodes), 23
Arctopsis, 5
Arcturidæ, 63
Arcturus, 63
Arctus (Scyllarus), 30
Arcuata, 9, 20
Arcuatus (Port.), 14
Arenarius (Pagurus), 26
Argulus, 117
Armadillidæ, 73
Armadillidium, 73
Armadilliens, 73
Armadillo, 73
Armata (Megalopa), 27
Armida, 65
Arpacticus, 113
Arpentouses (Idot.), 65
Artemia, 86
Artemisus, 86
Arthrocephales, 44, 47
Articulee (Lern.), 131
Articulosa (Leucoth.), 53
Articulosus (Cancer), 53
Ascidicola (Nol.), 116
Asellidæ, 68
Asellina (Lern.), 128
Asellita, 67
Asellota, 67, pt., 63, 75, 78
Asellota, II., 81
Asellotes, 67
Asellus, 69
,, (Oniscus), 71
,, (Squilla), 69
Asper (Cancer), 8
Aspera (Eurynome), 8
Asphalus, 38
Aspidiotes, 83
Aspidiophora, 83
Aspidostraca, 100
Astaci-(Nicothoe), 126
Astacidæ, 34
Astaciens, 28
Astacilla, 63
Astacinæ, 34
Astacinæ, I., 32
Astacini, 34
Astacini, I., 32
Astacita, 28
Astacoidea, 32, 34
Astacoides, 2
Astacus, 35, pt., 34
,, (Potamobius), 34
Asterope, 109
Atelecyclus, 20
Athanas, 39
Athanasus, 38
Atomos (Cancer), 59
Atomos (Caprella), 60
Aurantia (Cypris), 103
,, (Cythere), 107
Aurantius (Monoculus), 103
Axius, 32
Axius, 32

B.

Baccha (Amym.), 112
Bagstav (Hummer), 36
Bairdia, 105
Bairdii (Lern.), 132
Balticus (Oniscus), 65
Bamffia (Munida), 30
Bamfficus (Cancer), 30
Bamffius (Astacus), 30
Banstickle (Louse of), 118
Bellii (Gelasimus), 18
Bernhardus (Pagurus), 24
Biaculeata (Pisa), 6
Biaculeatus (Cancer), 6
Bicarinata (Ega), 79
Bicolor (Pandarus), 123
Bidentata (Nesæa), 78
Bidentatus (Oniscus), 78
Binoculus, 84, 119
Bipes (Nebalia), 85
Biplicata (Cypris), 104
Bispinosa (Gonopl.), 18
Bispinosus (Crang.), 38
,, (Daphn.), 91
,, (Pontoph.), 38
Bistriatus (Cyclops), 111
Bistrigata (Cypris), 103
Bistrigatus (Monoculus), 103
Bitestaces, 88, 100
Bivalve (coquille) Monoc. 100
Blastus, 5
Body-sucker, 131
Bopyridæ, 81
Bopyriens, 81
Bopyrus, 81
Boscii (Pandarus), 123
Bosmina, 92
Brachiata (Moina), 91
Brachiatus (Monoc.), 91
Brachyura, 2
Brachyures, 2
Brachyuri, 2
Branchialis (Lernæa), 132
Branchiogastres, 44
Branchiopoda, 83
Branchiopodes, 44
Branchiopteres, 83
Branchipidæ, 85
Branchipiens, 85
Branchipodidæ, 85
Branchipus, 85
Branchipusidæ, 85
Branchu (Puceron), 19
Brenda (Cypr.), 110
Brevicornis (Cyclops), 112
Brevispinosa (Macro.), 46
Brevispinosa (Them.), 45
Brevispinosus (Macro.), 45
Bull Fish-louse, 121
Brine-shrimp, 86
Brine-worm, 87
Broad-lobster, 30
Bryerii (Ebalia), 20
Bud-like Shark-sucker, 124
Bufo (Cancer), 7

C.

Cæruleata (Praniza), 73
Cæruleatus (Oniscus), 74
Caligacea, 117
Caligidæ, 118
Caligidea, 118
Caligides, pt., 118
Caligina, 118
Caligus, 119
Callianassa, 32
Callianira (galba), 57
Calocaris, 33
Campecopea, 77, 78
Camptocercus, 96
Camptolops (Gammar.), 53
Campylops (Gammar.), 53
Camylops (Gammar.), 53
Canaliculata (Proc.), 39
Cancelli (spec. tert.), 26
Cancellus, 18, 24
Cancer, 10
Canceridæ, 9
Cancerides, 9
Canceriens, 9
Canceriformes, 9, 16
Cancriformis (Apus), 84
,, (Branch.), 84
Cancroidea, 9, 16, 20
Candida (Candona), 104
Candona, 104
Canthocamptus, 111
Canthocampus, 111
Canthocarpus, 111
Cantonensis (Cancer), 19
Capites, 44, 47
Caprella, 59
Caprelladæ, 59
Caprellidæ, 59
Caprellien, 59
Caprellini, 59
Caput-mortuum (Cancer), 23
Carabus, 31
Caramote (Penæus), 43
Carcinus, 12
Carcinidæ, 12
Carcinoides, 9, 16, 22, 110
Cardon (Le), 37
Carides (1-2 A), 36, 38, 39
Caridina, 40
Caridioides, 44
Caridita, 36
Carinatus (Gammar.), 52
Carino spinosa (Dex. 7), 49
Carino-spinosus (Cancer), 49
Carp (Louse of), 118
Carp-sucker, 132
Carpenter, 72
Carpionis (Lerneop.), 130
Cassivelaunus (Corystes), 21
Castor (Diopt.), 114
Catametopita, 16
Cataphractus (Crangon), 37
Catometopes, 16
Cauda-biseta (Binoc.), 84
Cauda-foliacea (Monoc.), 118
Caudatus (Trebius), 121
Cecropidæ, 123
Cecropinæ, 123
Cecrops, 123
Centrodonti (Caligus), 119
Cephaloculus, 94
Cephalota, 94
Ceratophthalma, 85
Cerapus, 54
Ceti (Cyamus), 61
Ceti (Oniscus), 62
Cetochilidæ, 115
Cetochilus, 116
Chalimus, 121
Chamæleon (Mysis), 44
Charon (Argulus), 118
Chelifer (Arpact.), 113
Chelura, 55
Cheluridæ, 55
Chevrette (La), 42
Chirocephalus (Branch.), 86
Chondracanthidæ, 127
Chondracanthiens, 127
Chondracanthus, 127
Chydorus, 96
Ciliata (Nebalia), 85
Ciliceæ, 77
Cinerea (Sphæroma), 75
Cinereus (Grapsus), 19
,, (Cancer), 10
Cirolana, 79
Cladocera, 88
Cladoceres, 88
Clavata (Cypris), 103
Clavella, 130
Clypeaces, 83
Cloportides, 70
Clorodius, 20
Coarctatus (Hyas), 7
Cod Fish-louse, 119
Compressa (Cyp.), 102
Conchaceus (Monoc.), 90, 100
Conchiformis (Branch.) 89
Congener (Daphnia), 90

Conilera, 80
Convexa (Cythere), 108
Copepoda, 110
Copepodita, 110
Coquille bivalve (Monoc.), 100
Cormostomata, 117
Cornuta (Bosmina), 93
,, (Daphn.), 93
,, (Lernent.), 128
Cornutus (Chondrac.), 128
,, (Monoc.), 92
Corophiidæ, 54
Corophini, 54
Corophium, 55
Corrugatus (Port.), 14
Corwich, 7
Corystes (11), 12, 21
Corystidæ, 20
Corystiens, 20
Couchii (Nika), 39
Couch's Shrimp, 39
Crab (Common), 10
Crago, 36
Cranchii (Achæus), 4
,, (Cancpecopea, 78
,, (Cirolana), 79
,, (Ebalia), 20
,, (Hippolyte), 40
,, (Pinnoth.), 17
,, (Vert.), 51
Crangon, 36
,, (Cancer), 36
Crangonidæ, 36
Crangonum (Monoc.), 82
Crayfish, 31
Crevettines, 47
Crustacea, 1
Crustaces, 1
Cryptophthalmus, 38
Crystallina (Sida), 93
Cuirasses, 28
Cuanensis (Pagurus), 25
Curtum (Spharom.), 76
Curvirostris (Acanthocercus), 92
Cyamidæ, 61
Cyamiens, 61
Cyclometopes, 9
Cyclometopita, 9
Cyclopacea, 110
Cyclophora (Lernæa), 131
Cyclopidæ, 110
Cyclopsine, 114
Cyclops, 110
Cylindracea (Conilus), 80
Cylindraceus (Oniscus), 80
Cylindrica (Anthura), 67
Cylindricus (Oniscus), 67
Cymodice, 76
Cymodoce, 76
Cymodocea, 76
Cymothoa, pt. 69
Cymothoa, sp., 71
Cymothoadæ, pt., 68
Cymothoades, 78
Cymothoadiens, 78
Cymothoidæ, pt., 68
Cymothoita, 78
Cynthia, 46
Cynthilia, 46
Cyprella, 109
Cypridacea, 100
Cypridæ, 100
Cypridina, 109
Cyprinacea (Lernæoc.), 132
Cyprinaceus (Monoc.), 118
Cypris, 100
Cyproides, 100
Cystibranches (Isopodes), 59
Cythere, 105
Cythereis, 108
Cytheridæ, 105
Cytherinea, 105
Cytherina, 105.

D.

Danmoniensis (Roc.), 80
Daphne, 88
Daphnella, 93
Daphnia, 88
Daphniadæ, 88
Daphnidæ, 95
Daphnidella, 93
Daphnides, 88, 95
Daphnidiens, 88, 95
Daphnina, 88
Daphnita, 88
Daphnoides, 88
Decapoda, 2
Decapodes, 2
Decempedes, 57
Decempedes, pt., 73
Deep Shore-crabs, 17
Delarochiana (Chondrac.), 127, 128
Delphinus (Argulus), 118
Deltaura (Gebia), 33
Deltura (Gebia), 33
Dentata (Albunea), 21
Dentatus (Corystes), 22
Denticulata (Pirim.), 11
Denticulatus (Cancer), 11
Denudes, 85, 88, 117
Depressa (Alteuth.), 114
Depressus (Cycl.), 114
Depurator (Cancer), 13
,, (Platyon.), 13
,, (Port.), 15
Deshayesii (Orchest.), 48
Desmarestii (Squilla), 46
Detecta (Candone), 105
Dexamenidæ, 49
Dexaminæ, 49
Dexaminidæ, 49
Diaphanus (Chiroc.), 86
Diaptomidæ, 114
Diaptomus, 114
Dichelesthidæ, 125
Dienecia, 41
Dilatatus (Porc.), 00
Dinematura, 122
Dinemoura, 122
Dinemura, 122
Diodon (Idotea), 66
Doclea, 8
Dorhynchus (Inachus), 5
Doris, 111
Dorsettensis (Cancer), 4
Dorsettensis (Inachus), 4
Dory-sucker, 127
Dromia, 22
Dromia (Cancer), 23
Dromiacea, 22
Dromiadæ, 22
Dromiens, 22
Dromiina, 22
Dubia (Amph.), 50
Dubius (Gammar.), 50
Dulongii (Tanais), 68
Dynamene, 76, 77

E.

Eau (Le Perroquet d'), 80
Ebalia, 19
Edriophthalma, 47
Edulis (Nika), 38
,, (Processa), 39
Egeon, 36, 37
Elliptica (Cyp.), 103
Elongata (Cyp.), 102
,, (Lernæop.), 129
Elongatus (Monoc.), 93
Emarginata (Cymodocea), 77
,, (Idotea), 65
Emarginatus (Port.), 14
Encrasicoli (Lernæon.), 131
Entomoda, 127, 129
Entomon, 65, pt., 69
,, (Idotea), 65
,, (Oniscus), 66
Entomostraca, 83
Entomostraces, 83
Ephippiata (Daphnia), 89
Epicarides, 81
Epicaridita, 80
Ergasilidæ, 125
Ergasiliens, 125
Ergasilina, 124
Errans (Cymothoadiens, 78
Erraticus (Cyamus), 61
Eupheus, 67
Eurycercus, 95

Eurydice, 79
Eurynome, 8
Evadne, 95
Exeisa (Idotea), 65
Exochnata, 22, 28
Exspinosa (Daphnia), 90
Exspinosus (Monoc.), 90
Eye-sucker, 131

F.

Fabricii (Galathea), 29
Face-crab, 21
Falcata (Jassa), 54
Falcatus (Cancer), 54
Fasciatus (Crangon), 37
Ferrugineus (Cancer), 11
Fiddlers, 13
Filiformes (Lœmadipodes), 59
Filiformis, 59
Fimbriata (Gyth.), 100
Fimbriatus (Cancer), 10
Fin-crabs, 12
Finmarchica (Tomora.), 115
Fish-lice, 79, 80
Fissipes, 44
Flavida (Cythere), 106
Flemingii (Cynth.), 46
Flexuosus (Praunus), 45
Floating-crab, 19
Florida (Xantho), 9
Floridus (Cancer), 9
Fluviatilis (Cancer), 34
,, (Gammar.), 52
,, (Potam.), 34
Flying-crabs, 13
Foliaceus (Argulus), 118
Forbesii (Pagurus), 26
Fouisseurs (Macroures), 32
Franges (Branchiopodes), 100
Fucicola (Amph.), 51
Furcatus (Cantho.), 112
Fuscus (Cyclops), 111
Fusca (Cyp.), 101
Fuscata (Praniza), 74

G.

Gadina (Lernea.), 132
Galathea, 28
Galatheidæ, 28
Galatheides, 28
Galathinæ, 26, 28
Galatea, 28
Galateadæ, 26, 27
Galei (Lerneop.), 129
Galba (Hyperia), 57
Gammaracea, 47
Gammarellus, 57
,, (Cancer), 18
Gammaridæ, 47, 49
Gammarinæ, 47, 61
Gammarita, 47
Gammarus, 51
,, (Astacus), 35
Gammorides, 47
Gasterostei (Bin.), 118
Gasteruri, 47, 59, 63
Geaus, 83
Gebia, 33
Gebios, 33
Geoffroyi (Gycl.), 111
Geoniscita, 71
Gibba (Cypris), 104
,, (Pasithœ), 91
Gibbosa (Cypris), 103
Gibbosus (Ghord.), 128
Gibbsii (Pisa), 6
Glabra (Nebalia), 85
Glaucea, 114
Globator (Oniscus), 75
Globosus (Chyd.), 96
Gnathia, 74
Gnathides, 74
Gnathionii, 74
Goneplax, 18
Gonoplacidæ, 17
Gonoplacinæ, 17
Gonoplax, 18
Gonotus, 65
Gracilis (Anthura), 66
,, (Arcturus), 64
Granarius (Cancer), 27
Granulatus (Cancer), 12
,, (Oniscus), 00
Grapsidæ, 18
Grapsoidiens, 18
Grapsus, 18
"Gribble" (The), 68
Griffithsii (Sphæroma), 76
Grossimana (Mœra), 53
Grossimanus (Gammar.), 53
Gymnonectes, 85, 88, 110

H.

Halonisoita, 70
Hamatus (Lync.), 99
Hamatus (Pleuro.), 98
Harpacticus, 111
Harpæ (Ærop.), 97
Henslowii (Polyb.), 13
Heterodon (Atelecycl.), 21
Heteropodes (Asellotes), 67
Herbstii (Nebalia), 86
Hermit-crabs, 24
Herring-sucker, 132
Hiella, 56
Hippa (Cancer), 20
Hippoglossi (Lap.), 121
Hippolyte, 40
Hippolytus, 40
Hirsuta (Campecopea), 78
Hirsutus (Oniscus), 78
Hirtellus (Pil.), 11
Hirticorne (Maia), 6
Hirtipes (Cir.), 79
Hispida (Candon), 101
Hispida (Cypris), 105
Hog-louse, 70
Hog-louse (Mole), 67
,, (Spotted), 70
,, (Water), 60
,, (Rough), 71
Holsatus (Port.), 15
Homarus, 35
,, (Astacus), 35
,, (Palinurus), 31
Homoladæ, 23
Homolicus, 23
Homopodes (Asellotes), 68
Hookeri (Sphæroma), 76
Horridus (Cancer), 7, 23
Hyas, 6
Hydrophilus (Cancer), 10
Hyndmanni (Pagurus), 25
Hyperia, 56
Hyperiacea, 56
Hyperines, 56
Hyperita, 56
Hyppolyte, 40

I.

Idotea, 64
Idoteadæ, 64
Idoteides, 63
Idoteita, 63
Imbricata (Otr.), 125
Imbricatus, (Galigus), 125
Impressa (Cythere), 108
Inachina, 2
Inachus, 3, 4
Incisa (Xantho.), 9
Inciso-crenatus (Cancer), 10
Incisus (Cancer), 9
Inermis (Cyclops), 113
Infractus (Port.), 15
Infusorius (Monoc.), 96
Ino, 85
Inopinata (Cythere), 107
Insect (Remarkable Aquatic), 80
Insecta-Aptera, 1
Integer (Mysis), 45
Intermedia (Leachia), 64
Intermedius (Arcturus), 64
Iono, 81
Ionidæ, 81
Ionions, 81
Isopoda, 63
Iremous, 115

J.

Jæra, 69
Janira, 70
Jassa, 54
Jaw-bearer (Ant-like), 74
Joanna (Cypris), 102
Jonesii (Cythereis), 109

K.

King-crab, 7
Kleistagnatha, 2, 22
Kroyeri (Munna), 69
Kuhliana (Scamb.), 48

L.

Lacertosa, (Leachia), 64
Lady-shrimp, 86
Læmargus, 124
Læmodipoda, 59
Læmodipodes, 59
Læmodipodes (Ovalaires), 61
Lævis (Caprella), 60
,, (Monoc.), 90
,, (Pagurus), 26
,, (Porcellio), 71
Lagenula (Anch.), 130
Lamellatus (Eurycercus), 95
Lamellipedes, 83
Lamnæ (Dinem.), 122
Lanata (Arctopsis), 6
Lancifer (Leptosoma), 66
Lanceola, 56
Langoustiens, 31
Larunda, 61
Laticauda (Callian.), 32
Laticornis (Macroth.), 92
Latipes (Cancer), 13
,, (Portumnus), 13
Latreillii (Pinnoth.), 17
,, (Cecrops), 123
,, (Hyperia), 56
Laxe-lus, 120
Leachia, 63
Leachii (Mysis), 45
,, (Porcellana), 27
Leach's Shrimp, 40
Leo, 30
Lepeophtheirus, 120
Leptochirus (Inachus), 5
Leptomera, 61
Leptopodiadæ, 3
Leptorinchus (Inachus), 5
Leptorynchus (Inachus), 5
Leptosoma, 64
Lernæacantha, 127
Lernæa, 132
Lernæadæ, 127
Lernea, 132
Lernentoma, 127
Lernecocera, 132
Lerneonema, 131
Lerneopenna, 131
Lernæopoda, 129
Lerneopodiens, 129
Leucocephalus (Lync.), 97
Leucosiadæ, 19
Leucosidea, 19
Leucosiens, 19
Leucosina, 19
Leucothoe, 53
Ligia 71
Ligiadæ, 70
Limnoria, 68
Limnoriadæ, 68
Limulus, 84
Linearc (Stenosoma), 66
Linearis (Astacus), 55
,, (Caprella), 59
,, (Idotea), 66
Linnæana (Planes), 19
Linnæana (Pisidia), 27
Lithodes, 23
Lithodiadæ, 23
Littorales (Cancerides), 9, 22
Littorea (Orchest.), 48
Littoreus (Cancer), 48
Lividus (Port.), 15
Lobata (Caprella), 60, 61
Lobster (Common), 35
Lobster (Long-clawed), 30
Locusta (Gammarus), 51
,, (Palinurus), 31
,, (Talitrus), 48
Long-armed Crab, 21
Long-clawed Lobster, 30
Longicaudes, 28
Longicorne (Corophium), 55
Longicornis (Arctur.), 63
,, (Gammar.), 55
,, (Porcellana), 27
Longimana (Mæra), 53
Longimanus (Corystes), 22
,, (Gammar.), 53
Longipeda (Galathea), 30
Longipes (Port.), 15
Longirostris (Rosmina), 92
,, (Cancer), 4
,, (Eunica), 93
,, (Lync.), 92
,, (Sten.), 44
Longispina (Daphnia), 89
Longispinosa (Macrom.), 45
Longispinosus (Macrom.), 45
Lophyropa, 100
Lophyropoda, 88, 100
Loricatus (Egeon.), 37
Lucens (Candona), 104
Lucida (Cypris), 104
Lycesta, 53
Lynceidæ, 95
Lynceus, 92, 95

M.

Macandreæ (Calocar.), 33
Macrocopus (Daphn.), 91
Macromysis, 45
Macropodia, 3
Macropodiadæ, 3
Macropodiens, 3
Macropus, 3
Macrothrix, 92
Macroura, 28
Macroures, 28
Macrouri, pt., 24
Macrourus (Camptocercus) 96
,, (Lynceus), 97
Maculata (Praniza), 74
Maculatus (Astacus), 41
,, (Gammar.), 53
,, (Port.), 16
Maculosa (Janira), 70
Maculosus (Oniscus), 70
Magna (Daphnia), 89
Maia, 7
Maia (Parthenope), 21
Maiadæ, 3, 5
Maiens, 5
Maja, 7
Maja (Cancer), 23
,, (Lithodes), 23
Majacea, 2
Malacostraca, 2
Mantis Crabs, 46
Marcheurs (Isopodes), 63
Marcheuses (Crevettes), 54
Marina (Idotea), 65
,, (Squilla), 65, 66
Marinus (Astacus), 35
,, (Gammarus), 52
,, (Pulex), 48
Maritimes (Cloportides), 70
Marmoreus (Port.), 15
Maxillaris (Anceus), 74
Maxillosa, 1
Media (Daphnia), 89
Mediterranea (Dromia), 23
Megalopa, 27
Megalopidea, 27
Melicerta, 42
Minna (Cythere), 107

Minima (Squilla lacust.), 86
Minuta (Cyp.), 102
Minutus (Cancer), 19
Mitosata, 2, 71
Modioli (Pinnoth.), 17
Mœnas (Carc.), 12
Mœra, 51
Moina, 91
Monacha (Cypris), 101
Monocles (Les), 83
Monoculoides (Typhis), 58
Monoculus, 83, 84, 89
Monophthalma, 88, 100
,, (Æga), 80
,, (Roc.), 80
Montagui (Apus), 84
,, (Conil.), 80
,, (Cymodocea), 77
,, (Megalopa), 27
,, (Nebalia), 85
,, (Pandarus), 41
,, (Pinnoth.), 17
,, (Praniza), 74
Montagu's Shrimp, 39
Moorii (Hipp.), 41
Mucronata (Daphnia), 90, 91
Mucrones, 2, 19
Mud-borer, 33
Mud-burrower, 32
Mulleri (Chydorus), 96
Munida, 29
Munna, 69
Murarius (Oniscus), 000
Muscorum (Philosc.), 000
Mysididæ, 44
Mysiens, 44
Mysis, 44
Mytulorum (Cancellus), 17

N.

Næsa, 77
Næsea, 77
Nageurs (Isopodes), 73
Nanus (Acrop.), 97
Nasutus (Monoc.), 90
Natantia (Isopoda), 73
Nautilograpsus, 18
Nebalia, 85
Nebaliadæ, 84
Nebalidea, 44, 84
Nemertes, 55
Nephrops, 35
Nesæa, 77
Nesæoides (Nemertes), 56
Nexa (Galathea), 29
Nigrescens (Cythere), 107
Nika, 38
Nitescens (Ath.), 39
Nobilis (Cancer), 34
Nolens (Typhis), 58
Nordmanni (Evadne), 95
Norwegicus (Astacus), 35
,, (Nephr.), 35
Notopoda, 22
Nubilosa (Cypris), 101
Nut-crab (Pennant's, &c.), 20
Nymphon, 58

O.

Obtusata (Amph.), 51
Oceanica (Ligia), 71
Oceanicus (Oniscus), 71
Oculus (Polyphemus), 94
Ocypoda, 18
Ocypodaidæ, 16, 17
Onguicules (Spheromiens), 75
Oniscidæ, 70
Oniscides, 70
Oniscita, 70
Oniscoda, 70
Oniscus, 61, 71
Oniscus, pt., 47, 63, 69, 77
Opossum Shrimp, 44
Orbiculata, 19, 20
Orchestia, 48
Orchestidæ, 47
Ordinaires (Hyperines), 56
,, (Idoteides), 64
Orbignii (Hiella), 56
Ostracina, 88
Ostracoda, 88, 100
Ostracodermata, 83
Ostracodes, 100
Ostrapoda, 100
Ovalaires (Læmodipodes), 61
Ovalia, 61
Ovata (Alona), 98
Ovum (Monoc.), 102
Oxyrhynches, 2
Oxyrhynchita, 2
Oxyrinches, 19
Oxyrinchi, 2, 19
Oxyrinchi, pt. 23
Oxystomata, 19
Oxystomatita, 19
Oxystomes, 19

P.

Pachycephala, 124
Pachycephalita, 124
Paguridæ, 24
Paguriens, 24
Pagurii, 24
Pagurus, 24
,, (Cancer), 10
Palæmon, 42
Palæmonidæ, 39
Palæmoniens, 39
Palinuridæ, 31
Palinuridea, 31
Palinurini, 28
Palinurini, I., 30
Palinurus, 31
Paludosus (Branchip.), 86
Palustris (Limulus), 84
Pandalus, 41
Pandariens, 122
Pandarinæ, 122
Pandarus, 122
Panope, 61
Parasita, 000
Parasites (Branchiop.), 117
Partan, 10
Parthenopidæ, 8
Parthenopiens, 8
Parthenope, 23
Pasiphæa, 43
Pasithea, 91
Pea-crabs, 16
Pectoral Lernæa, 120
Pectoralis (Lepeopb.), 120
Pediculus, 61
Pediculus, sp., 120
,, (Monoc.), 94
,, (Polyph.), 94
,, ramosus (Mon.), 94
,, (Scalicerus), 94
Pediocles, 2
Pedata (Proto.), 61
Pedatum (Proto.), 61
Pedatus (Gammar.), 61
Pelagica (Idotea), 65
,, (Jassa), 54
Pelagicus (Cerapus), 54
Pelagii, 12
Pellucida (Cypris), 104
,, (Cythere), 108
Peloponesiaca (Idotea), 65
Peltocephala, 117
Peltocephalita, 117
Penæidæ, 43
Penæus, 43
Penantis (Caprella), 59
Peneens, 43
Penelladæ, 131
Pennantii (Caprella), 59
,, (Ebalia), 20
Pennata (Daphnia), 89
Peracanthæ, 99
Perroquet d'eau (Le), 89
Personatus (Cancer), 21
,, (Corystes), 22
Phalangium (Cancer), 3
,, (Steno.), 3

Phasma (Caprella), 60
Phorusa, 50
Philoscia, 72
Phoxichilus, 58
Phronima, 57
Phronimadæ, 56
Phronyma, 57
Phronymadæ, 56
Phyllopa, 83
Phyllopoda, 83
Phyllopodita, 83
Pig-louse, 72
Pœcilopoda, 117
Pontiadæ, 115
Pontiens, 115
Pill-millipede, 73
Pilumnidæ, 9
Pilumnus, 11
Pinno (Pinnoth.), 17
Pinnatus (Cancer), 16
Pinnicaudes, 28
Pinnipeda, 12
Pinnotheres, 16
Pinnotherida, 16
Pinnotheridea, 16
Pinnotherians, 16
Pirimela, 11
Pisa, 5
Piscina (Ino), 86
Pisciuts (Binoculus), 121
,, (Monoculus), 118
Pisidia, 26
Pisum (Pinnoth.), 16
Planes, 18
Plated-lobstor, 29
,, (Montagu's), 28
Platycarcinus, 10
Platycheles (Porcellana), 26
Platyonichus, 12
Platyonychus, 12
Pleuroxus, 98
Plicatus (Port.), 15
Pneumonura, 117
Podoceridæ, 54
Podocerus, 54
Podophthalma, 2
Podophthalmiens, 2
Polita (Thia), 21
Polybius, 13
Polyphemidæ, 94
Polyphemus, 94
,, (Monoc.), 94
Pontophilus, 36, 37
Porcellana, 26
Porcellanidæ, 26
Porcellaniens, 26
Porcellio, 72
Porcellionidæ, 71
Porcellionides, 71
Poressa (Cancer), 0
Portumnus, 12
Portunidæ, 12
Portuniens, 12
Portunus, 13
Potamobius, 34
Prædo (Maia), 6
Pranisiens, 73
Praniza, 73
Pranizidæ, 73
Praunus, 44
Prawn (Common), 42
Prevostii (Chirocoph.), 86
Prideaux (Pagurus), 25
Prideauxiana (Hipp.), 41
Prideauxianum (Sphæro.), 76
Prideauxii (Pagurus), 25
Processa, 38
Proto, 61
Psiuacea (Daphnia), 89
Pterygopode, 122
Pterygures, 24
Pterygurita, 24
Puber (Portunus), 14
Pubera (Cypris), 101
Pulchella (Jassa), 55
Pulchellus (Podocerus), 55
Pulchra (Euryd.), 79
Pulex, 48
,, (Daphnia), 89
,, (Gammar.), 52
,, (Monoculus), 89
,, (Squilla), 52
,, (Onisc.), 51
Punctata (Amph.), 50
,, (Cypris), 102
Punctatus (Gammar.), 50
Pusillus (Port.), 16
Pycnogonum, 61

Q.

Quadrangularis (Alona), 97
,, (Lync.), 97
,, (Monoc.), 90
Quadrangula (Daphn.), 90
Quadrangulus (Monoc.), 98
Quadricornis (Palinurus), 31
Quadridentata (Cythere), 108
Quadrilatera, 16
Quadrilobata (Squilla), 59

R.

Ramosa (Daphnia), 89
Ramosus (Monoc.), 89
Rapax (Aneeus), 75
Rapax (Caligus), 119
Rectirostris (Moina), 91
,, (Pasith.), 91
Red-Shrimp (Edwards'), 38
Remarkable Aquatic Insect, 86
Reniformis (Cythere), 106
Reptans (Candona), 104
Residuus (Cancer), 21
Reticulata (Aloina), 98
,, (Daphnia), 90
Reticulatus (Monoc.), 90
Rhætia, 64
Rhomboides (Gonopl.), 18
Rhomboidalis (Megalopa), 27
Ringed-horned Shrimp, 41
Risculus, 119
Risso's Shrimp, 38
Rivulosa (Xantho.), 10
Rivulosus (Cancer), 9
Rocinela, 80
Rœselii (Gammar.), 52
Rondelotii (Munida), 30
,, (Port.), 14
Rosea (Daphnia), 92
Roseus (Macroth.), 92
,, (Monoc.), 92
Rostratus (Cancer), 3, 4
,, (Monoc.), 85
,, (Stenoph.), 3
Rotunda (Daphnia), 90
Rotundata (Daphnia), 90
Rubor (Alpheus), 38
,, (Ouiscus), 77
Rubra (Cymodocea), 77
,, (Dienii), 41
Rubricata (Amph.), 50
Rubricatus (Gammar.), 50
Rugicauda (Sphæroma), 75
Rugosa (Galathea), 30
,, (Anchorella), 130
Rumphii (Dromia), 23

S.

Saduria, 64
Salicoques, 36
Salina (Artema), 86
Salinus (Cancer), 87
Salmonea (Lernæop.), 129
Salmonis (Pedicul.), 129
Saltator (Gammar.), 48
Saltatrix (Squilla), 48
Sand-hopper, 48
Sauteuses (Crev.), 47, 49
Saxatilis (Astacus), 34
Savigniana (Pasiph.), 44
Saviguyi (Pasiph.), 43
Scaber (Porcellio), 72

Scalicorus, 94
Scamballa, 48
Schœfferi (Daphnia), 89
Sebizopoda, 44, 81., 84
Sebizopodita, 44
Scolopendroides (Onise.), 50
Scombri (Chalimus), 121
Scopulorum (Ligia), 71
Scorpio (Cancer), 4
Scoticus (Mysis), 45
Screw (Fresh-water), 52
Sculptimanus (Pagurus), 26
Sculptus (Crang.), 37
Scutellata (Euryn.), 8
Scyllaridæ, 30
Scyllarides, 30
Scyllariens, 30
Scyllaroides, 30
Scyllarus, 30
Sea Pill-ball, 75, 78
Sea Wood-bores, 56
Sedentaria (Phronima), 57
Sedentaires (Isopodes), 81
Sedentarius (Cancer), 57
See Laus vom Hemorfisch, 122
Sella (Cypris), 103
Septem-dentata (Corystes), 21
Septem-dentatus (Atelec.), 21
Septentrionalis (Cetoch.), 116
Serratum (Sphæroma.), 75
Serratus (Hyas), 7
,, (Oniscus), 75
,, (Palæmon), 42
Sessiliocles (Crust.), 47, 83
Shark-louse (Winged), 122
Shark-sucker (Grant's), 122
Shell-flea, 101
Shield-shrimp, 84
Shore-crab, 12
Short-spined Shrimp, 45
Shrimp (Common), 36
Shrimp-fixer, 82
Shuttle-crabs, 12
Sida, 93
Sididæ, 93
Sidina, 93
Siduria, 64
Siliqua (Bairdia), 107
Sima (Daphnia), 90
Similis (Candona), 105
Simus (Monoc.), 90
Siphonostoma, 117
Sivado (Pasiph.), 43
Skate Fish-louse, 121
Slater, 71
Slater (Great Sea), 7
Smithii (Anthos.), 124
Soldier-crabs, 24
Solitarius (Pagurus), 25
Sowerbei (Hipp.), 40
Sowerbei (Hipp.), 40
Sowerbyi (Hipp.), 40
Sphæricus (Clyd.), 96
,, (Lynceus), 96
Sphæroma, 75
Sphæroma, pt., 77
Sphæromidæ, 75
Sphæromita, 75
Sphæromides, I., 64
Spheromiens, 75
Spider, 7
Spidor-crab, 4
Spinigera (Gainthea), 29
Spinimanus (Pagurus), 25
Spinosa (Dox.), 49
,, (Euryn.), 8
Spinosus (Cancer), 23, 49
,, (Crangon), 37
Spinulosa (Mysis), 45
Spinulosus (Mysis), 45
Spinus (Hippolyte), 40
Spiny-lobster, 31
Spiny-shrimp, 37
Sponge-crab, 23
Spratta (Lernæon.), 131
Squamifer (Cancer), 28
Squamifera (Galathea), 28
Squilla (Palæmon.), 42
,, (pt.) 61, 65, 69
Squillares, 44, 46
Squillarum (Bop.), 82
Squillidæ, 46
Squillicns, 46
Squinado (Cancer), 7
,, (Maia), 7
Stagnalis (Branch.), 86
Stagnorum (Cephaloc.), 94
,, (Polyphem.), 94
Stellata (Gebia), 33
Stellatus (Cancer), 33
Stirynchus (Axius), 32
Stenorhynchus, 3
Stenosoma, 64
Stomapoda, 44
Stomapodes, 44
Stone-crab (Northern), 23
Strawberry-crab, 8
Streblonyx (Pagurus), 24
Strintus (Monoc.), 98
Strigata (Cypris), 103
Strigosa (Galathea), 29
Strigosus (Cancer), 29
Strœmii (Lep.), 120
Stromii (Lepeopth.), 120
Sturionis (Dicholesth.), 125
Subdeltoidea (Bairdia), 108
Subdeltoides (Cythorina), 108
Subterranea (Callianassa), 32
Subterraneus (Cancer), 32
,, (Gammar.), 52
Succurs, 117
Sunfish-sucker, 123
Swimming-crabs, 13
Sword-shrimp, 43
Sylvestris (Oniscus), 72
Synistata, 2, 83

T.

Talitrus, 47
Talpa (Apseudes), 67
Tanais, 67
Tenera (Cypris), 102
Tenuirostris (Sten.), 3
Terebrans (Chelura), 56
,, (Limn.), 68
Termitoides (Gnathia), 74, 75
Terrestres (Clopodes), 7
Testudo (Oniscus), 51
Testudinum (Grapsus), 10
Tetracera (Insecta), 63
Tetradecapoda, 47, 59, 63
Tetragonostoma, 2
Tetraodon (Cancer), 6
Thalassinicns, 32
Thalassinidæ, 32
Thecata, 117
Themisto, 45
Thia, 21
Thompsoni (Lepeopth.) 121
Thoracicus (Iono.), 81
,, (Oniscus), 8
Thornback, 7
Torosa (Candona), 105
Torrentium (Cancer), 34
Trebius, 121
Tricuspidata (Idot.), 65
Tridens (Ægu), 80
,, (Oniscus), 65
Tridentata (Idot.), 65
Triglæ (Chondrac.), 128
Trigona, pt., 23
Trigonellus (Lynceus), 98
,, (Picuron.), 98
Trigones (Les), 2
Trigonia, 2
Trigonostoma, 2, 19, 22
Triopes, 84
Trispinosus (Crangon), 37
,, (Pontoph.), 37
Tristis (Astacus), 34
Tristriata (Cyp.), 101
Trisulentus (Panæus), 43
Trold Krabe, 24

Truncata (Cymadocea), 76
" (Peracanth.), 99
Truncatus (Lynceus), 99
" (Oniscus), 76
Tumefacta (Ebalia), 20
Tumefactus (Cancer), 20
Tuberculata (Caprella), 60
Tuberosa (Ebalia), 20
Tuberosus (Cancer), 20
Typica (Opis), 50
Typhidæ, 57
Typhis, 57

U.

Uncinata (Anchorella), 130
Uncinatus (Pleuro.), 98
" (Scisturus), 130

V.

Varians (Hipp.), 40
" (Palæmon), 42
" (Pinnoth.), 17
Variabilis (Cythere), 106
Varie (Port.), 13
Variegata (Coryst.), 13
Variegatus (Podocerus), 54
" (Port.), 13
Velutinus (Cancer), 14
Velvet-crab, 14
Vendace (Food of), 93
Vermes, 1, pt. 81
Verrucosa (Maia), 7
Vertumnus, 51
Vespa (Caligus), 120
Veterum (Pinnoth.), 17
" (Daphnia), 90
Vidua (Cypris), 101
Viduatus (Monoc.), 101
Viduus (Monoc.), 101
Vigiles (Cancerides), 16
Virens (Cypris), 101
" (Monoc.), 101
Viridis (Cymodocea), 77
" (Cythere), 108
Volutator (Oniscus), 55
Vulgare (Armadillidium), 73
Vulgaris (Armadillo), 73
" (Asellus), 69
" (Crangon), 36
" (Dromia), 23
" (Homarus), 35
Vulgaris (Maia), 23
" (Mysis), 45
" (Palinurus), 31

W.

Water-flea, 88, 101
Water-flea, with branched horns, 89
Westwoodii (Cypris), 102
Whale Long-shrimp, 116
Whale-louse, 61
White-shrimp, 42
Winged Shark-louse, 122
Wingii (Daphnidella), 94
Wood-borer (Sea), 56
Wood-louse, 72

X.

Xantho, 9

Z.

Zoi (Chondrac.), 127
Zenobia, 64

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LIST

OF THE

SPECIMENS

OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART V.—LEPIDOPTERA.

33191

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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the larger Lepidopterous Insects that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection.

This Catalogue has been prepared by JAMES FRANCIS STEPHENS, Esq., so well known for his works on British Insects, for the extent of his cabinet, and the liberality with which he allows it to be consulted.

Mr. Stephens has endeavoured to arrange these insects according to their natural affinities, so far as is practicable with a local collection; and has taken great pains to ascertain every name which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the

figures, which invariably follow their authorities. With these exceptions it has not been attempted to give the synonymy, from the impracticability of so doing within moderate limits; they may be found quoted at length, up to the period of its publication, in Mr. Stephens's 'Systematic Catalogue of British Insects,' 8vo, 1829.

The species in the British Museum Collection are indicated by the letters, B. M., annexed; while those in the British List, to which some doubt is attached as to their really indigenous pretensions, are distinguished by a prefixed *, which mark in the Reputed List indicates such as may eventually prove to be British.

The second part of the Catalogue, containing the *Micro-Lepidoptera*, is in hand, and will be printed as soon as ready.

JOHN EDWARD GRAY.

British Museum,
Oct. 16th, 1850.

LIST OF BOOKS QUOTED.

*** Great care has been taken in endeavouring to fix the precise dates of publication to the various references made to the works hereunder mentioned, especially to the illustrated ones of Esper, Hübner, &c.; several of the specific names depending wholly on the priority of their appearance in such works; those which are in the library of the author are indicated by a *prefixed* *, and as they embrace the majority of those of the principal authorities, he has been enabled leisurely to verify the references and to compare them with the insects in his collection; his wants being shown by the *annexed* * to their specific names in the Catalogue.

Acerbi, Voyage to the North Cape, &c. 2 vols. 4to. London. 1804.

Acta Holm.—Kongl. Svenska Vetenskaps Academiens Handlingar. 8vo. Stockholm. 1739, &c.

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*All*gemeine *L*iteratur-zeitung. (Quoted from Treitschke).

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**Barb*ut, *G*enera Insectorum of Linneus, &c. 1 vol. 4to. London. 1781.

*Beck*stein und *S*charfenberg, *F*orstinsekten, &c. 1 vol. 4to. Leipzig. 1804—5.

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CATALOGUE

OF

BRITISH LEPIDOPTERA.

Class INSECTA HAUSTELLATA.

Order LEPIDOPTERA.

§ 1. RHOPALOCERA.

Rhopalocera, *Boisduval, L.* 162, 1836.
Ropalocères, *Dum. C.* 222, 1823.
Lep.—Diurna, *Lat. G.* iv. 186, 1809.

Family I. PAPILIONIDÆ.

Papilionidæ, *Leach, E. E.* ix. 127, 1815.

Sub-Family I. PAPILIONIDI.

Papilionidi, *Step. MSS.*
Papilionidæ, *Dup. C.* 21, 1846.

Genus 1. PAPILIO.

Papilio Auctorum.
Amaryssus, *Dalm. P. S.* 85, 1816, 1.

a. JASONIDES.

Jasonides, *Hüb. V.* 83, 1816, 9.

1. PAPILIO MACHAON. The Swallow-tailed. B. M.

Papilio Machaon, *Linn. S. Nat.* i. 462, 1758. *Step. H.* i. 6, 1827. *West. & H. B.* t. 1, f. 1, 1840.
Papilio Reginæ, *Retz. G.* 30, 1783.
Var. *a.* Papilio Sphyrus, *Hüb. Pa.* t. 155, f. 775—6, 1822.
Var. *b.* *Engram. Pap. d'Eur.* ii. 273, t. 70, *Sup.* 16, f. 68, 1780.

Sub-F. II. RHODOCERIDI.

Rhodoceridi, *Step. MSS.*
Rhodoceridæ, *Dup. C.* 26, 1846.
Pierides, p., *West. G.* 87, 1839.

2. GONEPTERYX.

Gonepteryx, *Lea. E. E.* ix. 127, 1815.
Ganoris, p., *Dalm. P. S.* 89, 1816, 1.
Anteos, *Hüb. V.* 99, 1816, 9.
Rhodocera, *Bois. L.* i. 597, 1836.
Gonopteryx, *Bois.* (*L.* i. 598, 1836).
Goniapteryx, *West. G.* 87, 1839.

1. GONEPTERYX RHAMNI. The Brimstone. B. M.

Papilio Rhamni, *Linn. S. Nat.* i. 470, 1758. *Lew. B. B.* t. 31, f. 1—4, 1795.
Gonepteryx Rhamni, *Step. H.* i. 8, 1837.
Papilio canicularis, *Retz. G.* 30, 1783.
Var. *a.* Gonepteryx Rhamni, *Cur. B. E.* iv. t. 173, 1827.

3. COLIAS.

Colias, *Fab.—Ill. M.* vi. 284, 1807.
Eurymus, *Swain. Z. I.* 2 *ser.* fo. 60, 1832.
Ganyra, *Dalm. MSS.?*

a. COLOTIS.

Colotis, *Hüb. V.* 97, 1816.

1. COLIAS EDUSA. The Clouded Yellow. B. M.

Papilio Edusa, *Fab. M.* ii. 23, 1787.
Colias Edusa, *Step. H.* i. 12, 1827.
Papilio croceus, var. *a. Four. E. P.* ii. 250, 1785.
Papilio Hyale, *Don. B. I.* ii. 17, t. 43, *f. Sup.* 1793, ♂.
Papilio Electra, *Lew. B. B.* 68, t. 32, 1795.
Var. *a.* Papilio Helice, *Hüb. Pa.* 2, 87, f. 440.
Papilio Edusa-alba, *Haw.* (*Pr.* 2, 1802).
Var. *b.* Colias Chrysotheme, *Step. H.* i. 11, t. 2,* f. 1, 2, 1827.
Var. *c.* Colias Myrmidone, *West. & H. B.* 130, t. 42, f. 1—3, 1841
♀. Colias Edusa, *Wing.—Tr. Ent. S.* v. 119, t. 14, f. 2, 1849.

b. XERENE.

Xerene, *Hüb. V.* 96, 1816.

2. COLIAS HYALE. The Pale Clouded Yellow. B. M.

Papilio Hyale, *Linn. S. Nat.* i. 469, 1758.
Colias Hyale, *Step. H.* i. 13, 1827. *Cur. B. E.* v. t. 242, 1829.
Papilio Palæno, *Esp. S.* i. 68, t. 4, f. 2, 1777.

Sub-F. III. PIERIDI.

Pieridi, *Step. MSS.*
Pieridæ, *Dup. C.* 23, 1846.

4. APORIA.

Aporia, *Hüb. V.* 90, 1816.
Pieris, *C. p.*; *Schr. F. B.* ii. 1, 164, 1801.
Pontia, p., *Fab.—Ill. M.* vi. 283, 1807.

1. APORIA CRATÆGI. The Black-veined White. B. M.

Papilio Cratægi, *Linn. S. Nat.* i. 467, 1758.
Pieris Cratægi, *Step. H.* i. 27, 1827. *Cur. B. E.* viii. t. 360. 1831.
Papilio nigrovenosus, *Retz. G.* 30, 1783.

5. PIERIS.

Pieris, *C. p.*; *Schr. F. B.* ii. 1, 164, 1801.
Pontia, *Fab.—Ill. M.* vi. 283, 1807.
Ganoris, p., *Dalm. P. S.* 86, 1816, 1.
Catophaga, *Hüb. V.* 93, 1816, 9.

a. PIERIS.

1. PIERIS BRASSICÆ. The Great White Cabbage. B. M.

Papilio Brassicæ, *Linn. S. Nat.* i. 467, 1758. *Lew. B. B.* 56, t. 25, f. 1—5, 1795.
Pontia Brassicæ, *Step. H.* i. 15, 1827.
Var. *a.* Pontia Chariclea, *Step. H.* i. 17, t. 3, f 1, 2, 1827.
Var. *b.* Pontia Brassicæ, *Plant.—Zool.* ii. 471, *f. adj.* 1844.

2. PIERIS RAPÆ. The Small White Cabbage. B. M.

Papilio Rapæ, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 58, t. 26, f. 1—5, 1795.
Pontia Rapæ, *Step. H.* i. 16, 1827.
Var. *a.* Papilio Nelo, *Bork.? E. S.* i. 127, 1788.
Var. *b.* Pontia Metra, *Step. H.* i. 19, 1827. *West. & H. B.* 26, t. 5, f. 5, 6, 1840.

3. PIERIS NAPI. The Green-veined White. B. M.

Papilio Napi, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 60, t. 27, f. 1—5, 1795.
Pontia Napi, *Step. H.* i. 20, 1827.
Papilio Napææ, *Esp. S.* i. *Sup.* 119, t. 116, *Cont.* 71, f. 5, 1800.
Var. *a.* Pontia Sabellicæ, *Step. H.* i. 22, t. 3, f. 3, 4.
Var. ♀. Pieris Bryoniæ, *Goda. E. M.* ix. 162, 1819.
Engram. Pap. d'Eur. ii. 292, t. 77, *Sup.* 23, f. 104, *a—c.* 1780.

b. MANCIPIUM.

Mancipium, *Hüb. olim.?*
Synchloë, *Hüb. V.* 94, 1816.

4. PIERIS DAPLIDICE. The Green-chequered White.

Papilio Daplidice, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 62, t. 29, f. 1—3, 1795.
Pontia Daplidice, *Step. H.* i. 22, 1827.
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6. EUCHLOE.

Euchloë, *Hüb. V.* 94, 1816.
Anthocharis, *Bois. L.* 556, 1836.

1. EUCHLOE CARDAMINES. The Orange-tip. B. M.

Papilio Cardamines, *Linn. S. Nat.* i. 468, 1758. *Lew. B. B.* 64, t. 30, f. 1—5, 1795.
Pontia Cardamines, *Step. H.* i. 23, 1827.
♀. Anthocharis Cardamines, *Wing.—Tr. Ent. S.* v. 119, t. 14, f. 3, 1849.

7. LEUCOPHASIA.

Leucophasia, *Step. H.* i. 24, 1827.
Leptosia, p., *Hüb. V.* 95, 1816.
Leptoria, *West. & H. B.* 31, 1840.
Ganoris, *Zett. I. L.*, 915, 1840.

1. LEUCOPHASIA SINAPIS. The Wood White. B. M.

Papilio Sinapis, *Linn. S. Nat.* i. 468, 1758.
Leucophasia Sinapis, *Step. H.* i. 24, 1827. *Doub. D. L.* i. t. 5, f. 6, 1847.
Papilio candida, *Retz. G.* 30, 1783.
Leptosia Lathyri, *Hüb.* (*V.* 95, 1816).
Leucophasia Loti, *Ren. Cons.* 4, 1832.
Var. *a.* Papilio Erysimi, *Bork. E. S.* i. 132, 1788.
Var. *b.* Leucophasia Dinensis, *Dup. C.* 26, 1846.

Fam. II. NYMPHALIDÆ.

Nymphalidæ, *Swain.—Phil. M.* i. 187, 1827.

Sub-F. I. SATYRIDI.

Satyridi, *Step. MSS.*
Satyridæ, *Bois. L.* 166, 1836.
Satyri, *Latr. G.* iv. 194, 1809.
Hipparchia, *Step. H.* i. 53, 1827.

8. ARGE.

Arge, *Esp. S.* i. *Sup.* 19, 1800?

1. Arge Galathea. The Marbled White. B. M.
Papilio Galathea, *Linn. S. Nat.* i. 474, 1758. *Lew. B. B.* 52, 2, 28, f. 1—4, 1795.
Hipparchia Galathea, *Step. H.* i. 57, 1828.
Maniola Galathæa, *Schra. F. B.* ii. 1, 170, 1801.
Var. *a.* Arge Leucothoë*, *Step. MSS. Marshall.—Zool.* 471, 1844.

9. LASIOMMATA.

Lasiommata, *West. & H. B.* 65, 1840.

a. Pararge.

Pararge, *Hüb. V.* 59, 1816.

1. Lasiommata Ægeria. The Speckled Wood. B. M.
Papilio Ægeria, *Linn. S. Nat.* i. 473, 1758. *Lew. B. B.* 42, t. 19, f. 1—4, 1795.
Hipparchia Ægeria, *Step. H.* i. 54, 1827.

b. Dira.

Dira, *Hüb. V.* 59, 1816.

2. LASIOMMATA MEGÆRA. The Wall. B. M.
Papilio Magæra, *Linn. S. Nat.* ii. 771, 1767. *Lew. B. B.* 46, t. 21, f. 1—5, 1795.
Hipparchia Megæra, *Step. H.* i. 55, 1827.
Papilio Mæra, *Berk. S.* i. 125, 1788.
Var. *a. Engram. Pap. d'Eur.* ii. t. 65, *Sup.* ii. f. 50, *g*, *h*, 1780.

10. HIPPARCHIA.

Hipparchia, *Fab.—Ill. M.* vi. 281, 1807.
Satyrus, *Bois. I. M.* 2 ed. 30, 1840.

a. EUMENIS.

Eumenis, *Hüb. V.* 58, 1816.

1. HIPPARCHIA SEMELE. The Grayling. B. M.
Papilio Semele, *Linn. S. Nat.* i. 474, 1758. *Lew. B. B.* 38, t. 17, f. 1—5, 1795.
Hipparchia Semele, *Step. H.* i. 56, 1827.

b. EPINEPHILA.

Epinephila, *Hüb. V.* 59, 1816.

2. HIPPARCHIA JANIRA. The Meadow Brown. B. M.
Papilio Janira, *Linn. S. Nat.* i. 475, 1758. *Lew. B. B.* 40, t. 18, f. 1—5, 1795.
Hipparchia Janira, *Step. H.* i. 59, 1828.
♀ Papilio Jurtina, *Linn. S. Nat.* i. 475, 1758.
Var. *a. Engram. Pap. d'Eur.* ii. 2, lxvi. *Sup.* xii. f. 54, *l. m.* 1782.

c. PYRONIA.

Pyronia, *Hüb. V.* 55, 1816.

3. HIPPARCHIA TITHONUS. The Gate Keeper. B. M.
Papilio Tithonus, *Linn. Mant.* i. 537, 1771. *Lew. B. B.* 48, t. 22, f. 1—5, 1795.
Hipparchia Tithonus, *Step. H.* i. 58, 1828.

Papilio Pilosellæ, *Fab. S. E.* ii. 497, 1775.
Papilio Herse, *Schiff.* (*W. V.* 320, 1776).
Papilio Phædra, *Esp. S.* i. 120, t. ix. f. 1, 1777.
Papilio Amaryllis, *Bork. E. S.* i. 80, 1788.
Papilio Tithonius, *Vill. E.* ii. 26, 1789.

11. ENODIA.

Enodia, *Hüb. V.* 61, 1816.

1. ENODIA HYPERANTHUS. The Ringlet. B. M.

Papilio Hyperanthus, *Linn. S. Nat.* i. 471, 1758. *Lew. B. B.* 44, t. 20, f. 1—5, 1795.
Hipparchia Hyperanthus, *Step. H.* i. 60, 1828.
Papilio Polymeda, *Scop. C.* No. 434, 1763.
Var. *a.* Papilio Vidua, *Müll. F. F.* 36, 1764.
Hipparchia Hyperanthus, *West. & H. B.* 70, t. 20, f. 7, 1841.
Var. *b.* Papilio Arete, *Müll. F. F.* 36, 1764.
Papilio Polymeda, *Hüb. Pa.* t. 38, f. 173*.

12. EREBIA.

Erebia, *Dalm. P. S.* 81, 1816.
Melania, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.
Oreina, *West. & H. B.* 76, 1840.

a. EPIGEA.

Epigea, *Hüb. V.* 62, 1816.

*1. EREBIA LIGEA. The Scarce Scotch Argus.

Papilio Ligea, *Linn. S. Nat.* i. 467, 1758.
Hipparchia Ligea, *Step. H.* i. 61, t. 6, f, 1—3, 1828.
Papilio Alexis, *Linn. F.* No. 787, 1746.

2. EREBIA BLANDINA. The Scotch Argus. B. M.

Papilio Blandina, *Fab. M.* ii. 41, 1787.
Hipparchia Blandina, *Step. H.* i. 62, 1828.
Oreina Blandina, *West. & H. B.* 77, t. 23, f. 5—10, 1841.

Papilio Medea, *Schiff.* (*W. V.* 167, 1776) (non *Fab.*[a]). *Hüb. Pa.* t. 48, f. 220—222.
Papilio Æthiops, *Esp. S.* i. 312, t. 25, *Sup.* i. f. 3, 1777.
Papilio Medusa, *Bork. E. S.* i. 235, 1788.
♀. Papilio Alcyone, *Stew. E.* 2 ed. ii. 132, 1818.
Papilio Amaryllus, *Walker*, *MSS.*
Var. *a.* Oreina Blandina, var. Angl. *West. & H. l. c.* f. 7.
Var. *b.* Papilio Neoridas, *Frey. B.* i. 110, t. 55, f. 3, 4, 1835 ?

a. MELAMPIAS.

Melampias, *Hüb. V.* 63, 1816.

3. EREBIA CASSIOPE. The Small Ringlet. B. M.
Papilio Cassiope, *Fab. E. S.* iii. 1, 238, 1793.
Hipparchia Cassiope, *Step. H.* i. 63, t. 8, f. 1—3, 1828.
Papilio Melampus, var., *Esp. S.* i. 2, 131, t. lxxviii., *Cont.* xxviii. f. 2, 1780.
Papilio Æthiops minor, *Vill. E.* ii. 37, 1789.
Papilio Mnemon, *Haw.—Ent. Tr.* i. 332, 1812.
Var. *a.* Hipparchia Melampus, *Newm.— Zool.* 729, 1844.

13. CŒNONYMPHA.

Cœnonympha, *Hüb. V.* 65, 1816.

1. CŒNONYMPHA DAVUS. The Marsh Ringlet. B. M.
Papilio Davus, *Fab. G.* 259, 1776.
Hipparchia Davus, *S.* i. 67, t. 7, f. 1—3, 1828.
Papilio Philoxenus, *Esp. S.* i. 2, 25, t. 54, *Cont.* 4, f. 3, 1777.
Maniola Tiphon, *Schr. F. B.* ii. 1, 179, 1801.
Var. *a.* Papilio Tullia, *Müll.? F. F.* 36, 1764.
Papilio Iphis, *Bork.—Rhein. M.* i. 241, 1793.
Var. *b.* Papilio Musarion, *Bork. E. S.* i. 92, 1788.
Var. *c.* Papilio Polydama, *Haw. L. B.* 16, 1803.
Hipparchia Polydama, *Step. H.* i. 147, t. 7, f. 3, 1828.
Hipparchia Polymeda, *Jerm.* 47, 1827.
Var. *d.* Papilio Typhon, *Haw.* (*Pr.* 2, 1802). *Id. L. B.* 16, 1803.
Papilio Davus, *Goda. L. F.* ii. 155, 1822.
Hipparchia Iphis ? *Step. H.* i. 64, 1828.
Var. *e.* Papilio Laidion, *Bork. E. S.* i. 91, 1788.

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[a] MEDEA. Papilio Medea, *Fab. S. E.* 508, 1775. Hab. in India.

2. Cœnonympha Pamphilus. The Small Heath. B. M.

Papilio Pamphilus, *Linn. S. Nat.* i. 472, 1758. *Lew. B. B.* 50, t. 23, f. 1—4, 1795.
Hipparchia Pamphilus, *Step. H.* i. 69, 1828.
Papilio Menalcas, *Scop. C.* No. 458, 1764.
Papilio Nephele, *Bork. E. S.* i. 87, 1788.

Sub-F. II. NYMPHALIDI.

Nymphalidi, *Step. MSS.*
Nymphalidæ, *Dup. C.* 8, 1846.

14. LIMENITIS.

Limenitis, *Fab.—Ill. M.* vi. 281, 1807.
Limonitis, *Dalm. P. S.* 64, 1816.

1. Limenitis Sibilla. The White Admiral. B. M.

Papilio Sibilla, *Fab. S. E.* 512, 1775.
Papilio Camilla, *Lew. B. B.* 18, t. 8, f. 1, 2, 1795.
Limenitis Camilla, *Curtis, B. E.* iii. 124, 1826. *Step. H.* i. 52, 1827.
Papilio Prorsa, *Linn. M. U.* 303, 1764.
♂. Papilio Sibilla, *Linn. S. N.* ii. 781, 1767.
♀. Papilio Camilla, *Linn. S. N.* ii. 781, 1767.
Var. *a. Engram. Pap. d'Eur.* ii. 236, t. 57, *Sup.* 3, f. 13, *g*, *h*, 1780.

15. APATURA.

Apatura, *Fab.—Ill. M.* vi. 281, 1807.
Doxocopa, *Hüb. V.* 49, 1816.
Apaturia, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.

1. Apatura Iris. The Purple Emperor. B. M.

Papilio Iris, *Linn. S. Nat.* i. 476, 1758.
Apatura Iris, *Step. H.* i. 50, 1827. *Cur. B. E.* vii. t. 338, 1831.

Sub-F. III. VANESSIDI.

Vanessidi, *Step. MSS.*
Vanessidæ, *Dup. C.* 6, 1846.

16. CYNTHIA.

Cynthia, *Fab.—Ill. M.* vi. 281, 1807.
Vanessa, *Hüb. V.* 33, 1816.

1. CYNTHIA CARDUI. The Painted Lady. B. M.

Papilio Cardui, *Linn. S. Nat.* i. 475, 1758. *Lew. B. B.* 20, t. 6, f. 1—4, 1795.
Cynthia Cardui, *Step. H.* i. 47, 1827.

17. VANESSA.

Vanessa, *Fab.—Ill. M.* vi. 281, 1807.
Aglais, *Dalm. P. S.* 65, 1816.
Phanessa, *Sodoff.—Bull. S. I. Mosc.* 7, 1837.

a. PYRAMEIS.

Pyrameis, *Hüb. V.* 33, 1816.
Ammiralis, *Ren. C.* 10, 1832.

1. VANESSA ATALANTA. The Red Admiral. B. M.

Papilio Atalanta, *Linn. S. Nat.* i. 478, 1758. *Lew. B. B.* 16, t. 7, f. 1—4, 1795.
Vanessa Atalanta, *Step. H.* i. 46, 1827.
Papilio Ammiralis, *Linn. F.* No. 777, 1746.

b. INACHIS.

Inachis, *Hüb. V.* 37, 1816.

2. VANESSA IO. The Peacock. B. M.

Papilio Io, *Linn. S. Nat.* i. 472, 1758. *Lew. B. B.* 12, t. 4, f. 1—4, 1795.
Vanessa Io, *Step. H.* i. 44, 1827.
Var. *a.* Vanessa Ioides, *Dahl. C. & L.* 1823, var. minor.

c. EUGONIA.

Eugonia, *Hüb. V.* 36, 1816.

3. VANESSA ANTIOPA. The Camberwell Beauty. B. M.

Papilio Antiopa, *Linn. S. Nat.* i. 476, 1758.
Vanessa Antiopa, *Step. H.* i. 45, 1827.
Vanessa Antiope, *Curtis, B. E.* ii. t. 96, 1825.
Papilio Morio, *Linn. F.* No. 771, 1746.

4. VANESSA POLYCHLOROS. The Large Tortoise-shell. B. M.

Papilio Polychloros, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.* 8, t. 2, f. 1—4, 1795.
Vanessa Polychloros, *Step. H.* i. 42, 1827.
Var. *a.* Papilio Pyrrhomelæna, *Hüb. Pa.* t. 171, f. 845.
Var. *b.* Papilio Testudo, *Esp. S.* i. 2, 118, t. 63, *Cont.* 23, f. 1, 2.

5. VANESSA URTICÆ. The Tortoise-shell. B. M.

Papilio Urticæ, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.* 10, t. 3, f. 1—4. 1795.
Vanessa Urticæ, *Step. H.* i. 43, 1827.
Var. *a.* Vanessa Xanthomelæna, *Step. MSS.*
Vanessa Urticæ, var. *West. & H. B.* 52, t. 13, f. 13, 1840.
Var. *b.* Vanessa Ichneusioides, *De Selys? L. de B.* 31, 1844.

18. GRAPTA.

Grapta, *Kir.* (*F. B. A.* iv. 292, 1837).
Polygonia, *Hüb. V.* 36, 1816.
Comma, *Ren. C.* 8, 1832.

1. GRAPTA C-ALBUM. The Comma. B. M.

Papilio C-album, *Linn. S. Nat.* i. 477, 1758. *Lew. B. B.* 14, t. 5, f. 1—5, 1795.
Vanessa C-album, *Step. H.* i. 42, 1827.
Papilio G-album, *Four. E. P.* ii. 235, 1785.
Vanessa Comma-alba, *Mill. B. E.* t. 1, f. 3, 1821.
Var. *a.* Vanessa Melanosticta, *Step. MSS.*
Papilio C-album, *Hüb. Pa.* t. 125, f. 637, 638.

Sub-F. IV. ARGYNNIDI.

Argynnidi, *Step. MSS.*
Argynnidæ, *Dup. C.* 2, 1846.

19. ARGYNNIS.

Argynnis, *Fab.—Ill. M.* vi. 283, 1807.

a. ARGYRONOME.

Argyronome, *Hüb. V.* 32, 1816.

1. ARGYNNIS PAPHIA. The Silver-washed Fritillary. B. M.
Papilio Paphia, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 22, t. 9, f. 1—4, 1795.
Argynnis Paphia, *Step. H.* i. 40, 1827.
Papilio Imperator, *Linn. F.* No. 779, 1746.
Var. Papilio Paphia, *Hüb. Pa.* t. 153, f. 767, 765.
♀. Papilio Paphia, *Hüb. Pa.* t. 190, f. 935, 936.

b. ACIDALIA.

Acidalia, *Hüb. V.* 31, 1816.

2. ARGYNNIS AGLAIA. The Dark Green Fritillary. B. M.
Papilio Aglaia, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 26, t. 11, f. 1—4, 1795.
Argynnis Aglaia, *Step. H.* i. 39, 1827.
Var. *a.* Papilio Charlotta,* *Haw. L. B.* 32, 1803, var. *Sow. B. M.* i. t. 11, 1806.
Papilio Caroletta, *Jerm. B. C. V.* 2 ed. 107, 1827.
Var. *b.* Papilio Æmilia,* *Acerbi. V.* iii. 175, t. xv. f. 1, 2, 1804.
Var. *c.* Argynnis Aglaia,* *Cur. B. E.* vii. t. 299, 1830.
Var. *d.** *Engram. Pap. d'Eur.* ii. 238, t. lviii. *Sup.* iv. f. 16, *k*, *l*, 1782.

3. ARGYNNIS ADIPPE. The High Brown Fritillary. B. M.
Papilio Adippe, *Linn.? S. Nat.* i. 786, 1767. *Lew. B. B.* 24, t. 10, f. 1—4, 1795.
Argynnis Adippe, *Step. H.* i. 38, 1829.
Papilio Cydippe, *Linn. F.* ii. No. 1066, 1761.

c. Issoria.

Issoria, *Hüb. V.* 31, 1816.

1. Argynnis Lathonia. The Queen of Spain Fritillary. B. M.

Papilio Lathonia, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 28, t. 12, f. 1—4, 1795.
Argynnis Lathonia, *Step. H.* i. 36, 1827.
Papilio Principissa, *Linn. F.* No. 781, 1746.
Papilio Latonia, *Schiff.* (*W. V.* 177, 1776).
Papilio Lathona, *Hüb. Pa.* t. 11, f. 59, 60.

d. Argynnis.

Argynnis, *Hüb. V.* 30, 1816.

5. Argynnis Selene. The Small Pearl-bordered Fritillary. B. M.

Papilio Selene, *Schiff.* (*W. V.* 321, 1776).
Melitæa Selene, *Step. H.* i. 34, 1827.
Papilio Euphrosyne, var. *Scop. C.* No. 441, 1764.
Papilio Maturna, *Berk.? S.* i. 128, 1789.
Papilio Euphrasia, *Lew. B. B.* 30, t. 13, f. 3, 4, 1795.
Papilio Silene, *Haw. L. B.* 34, 1803.
Var. *a.* Papilio Pales, *Berg. N.* 31, t. 84, f. 6, 7, 1778.
Var. *b.* Papilio Marphisa, *Herbs.* x. 105, t. 270, f. 8, 9, 1795.
Var. *c.* Papilio Rinaldus, *Herbs.* x. 108, t. 271, f. 1, 2, 4, 1795.
Var. *d.* Papilio Thalia, *Hüb. Pa.* t. 11, f. 57, 58.

6. Argynnis Euphrosyne. The Pearl-bordered Fritillary. B. M.

Papilio Euphrosyne, *Linn. S. Nat.* i. 481, 1758. *Lew. B. B.* 30, t. 13, f. 1, 2, 1795.
Melitæa Euphrosyne, *Step. H.* i. 35, 1827.
Papilio Princeps, *Linn. F.* No. 327, 1746.
Papilio argenticollis, *Retz. G.* 31, 1783.
Var. *a.* Papilio Euphrasia, *Haw. MSS.*

20. MELITÆA.

Melitæa, *Fab.*—*Ill. M.* vi. 28, 1807.
Melinæa, *Sodoff.*—*Bull. S. I. Mosc.* 7, 1837.

a. Schœnis.

Schœnis, *Hüb. V.* 28, 1816.

1. Melitæa Cinxia. The Glanville Fritillary. B. M.

Papilio Cinxia, *Linn. S. Nat.* i. 480, 1758. *Lew. B. B.* 32, t. 14, f. 1—4, 1795.
Melitæa Cinxia, *Step. H.* i. 33, 1827.
Papilio Pilosellæ, *Esp. S.* i. 312, t. 47, f. 2, 1777.
Papilio Abbacus, *Retz. G.* 32, 1783.
Papilio Delia, *Hüb. Pa.* t. 2, f. 7, 8.
Papilio Trivia, *Schr. F. B.* ii. 1, 205, 1801.

b. Cinclidia.

Cinclidia, *Hüb. V.* 29, 1816.

2. Melitæa Athalia. The Heath Fritillary. B. M.

Papilio Athalia, *Esp. S.* i. 377, t. xlvii., *Sup.* xxiii. 1777.
Melitæa Athalia, *Step. H.* i. 30, 1827.
Papilio Maturna, *Schiff.* (*W. V.* 179, 1776).
Papilio Dictynna, *Lew. B. B.* 32, t. 14, f. 5—6, 1795.
Var. *a.* Papilio cuneigera, *Haw. MSS.*
Var. *b.* Papilio Pyronia,* *Hüb. Pa.* t. 114, f. 585—88.
Melitæa Pyronia, *Step. H.* i. 31, t. iv. f. 1, 2, 1827.
Papilio Eos, *Haw. L. B.* 35, 1803.
Var. *c.* Papilio tessellata, *Pet. P.* t. 3, f. 11, 12, 1717.
Melitæa tessellata, *Step. H.* i. 31, t. 5, f. 1, 2, 1827.

c. Melitæa.

Melitæa, *Hüb. V.* 28, 1816.

3. Melitæa Artemis. The Greasy Fritillary. B. M.

Papilio Artemis, *Schiff.* (*W. V.* 322, 1776). *Lew. B. B.* 34, t. 15, f. 1—4, 1795.
Melitæa Artemis, *Step. H.* i. 32, 1827.
Papilio Maturna, *Esp. S.* i. 209, t. xvi. f. 2, 1777.
Papilio Lye, *Bork. E. S.* i. 225, 1788.
Papilio Matutina, *Thunb. Diss.* iii. 45, 1791.
Melitæa Cinxia, *Dunc. B. B.* t. 14, f. 2 (*non desc.*), 1835.

Fam. III. ERYCINIDÆ.

Erycinidæ, *West. M. C. I.* ii. 347, 1840.
Erycinides, *Bois. L.* i. 164, 1836.

21. NEMEOBIUS.

Nemeobius, *Step. H.* i. 28, 1827.
Hamearis, p., *Hüb. V.* 19, 1816.

1. NEMEOBIUS LUCINA. The Duke of Burgundy Fritillary. B. M.

Papilio Lucina, *Linn. Syst. Nat.* i. 480, 1758.
Nemeobius Lucina, *Step. H.* i. 29, 1827.
Hamearis Lucina, *Cur. B. E.* vii. t. 316, 1830.

Fam. IV. LYCÆNIDÆ.

Lycænidæ, *Leach, E. E.* ix. 129, 1815.
Polyommatidæ, *Swains.—Phil. M.* i. 187, 1827.
(Cupido, *Schr. F. B.* ii. 1, 153, 1801).

22. THECLA.

Thecla, *Fab.—Ill. M.* vi. 286, 1807.
Zephyrus, § Aurotis, *Dalm. P. S.* 90, 1816.

a. STRYMON.

Strymon, *Hüb. V.* 74, 1816.

1. THECLA BETULÆ. The Brown Hairstreak. B. M.

Papilio Betulæ, *Linn. S. Nat.* i. 482, 1758. *Lew. B. B.* 88, t. 42, 1795.
Thecla Betulæ, *Step. H.* i. 75, 1828.

2. THECLA PRUNI. The Dark Hairstreak. B. M.

Papilio Pruni, *Linn. S. Nat.* i. 482, 1758.
Thecla Pruni, *Step. H.* ii. 66, 1828. *Cur. B. E.* vi. t. 264, 1829.

Papilio Prorsas, *Hüfn.?—Berl. M.* ii. 68, 1766.
Thecla Spini, *Brit. B.* 30, 1828.

3. THECLA W-ALBUM. The Black Hairstreak. B. M.

Papilio W-album, *Knoch. B.* ii. 85, 1782.
Thecla W-album, *Step.* (*H.* ii. 66, 1828).
Papilio Pruni, *Bergs. N.* t. 71, f. 1, 2, 1778.
Papilio W-Latinum, *Lang. V.* ii. 46, 1789.
Papilio Pruni, *Lew. B. B.* 92, t. 44, f. 1, 2, 1795.
Thecla Pruni, *Step. H.* i. 77, 1828.

b. BITHYS.

Bithys, *Hüb. V.* 75, 1816.

4. THECLA QUERCUS. The Purple Hairstreak. B. M.

Papilio Quercus, *Linn. S. Nat.* i. 482, 1758. *Lew. B. B.* 90, t. 43, 1795.
Thecla Quercus, *Step. H.* i. 76, 1828.

c. LYCUS.

Lycus (Genus Coleopt.), *Hüb. V.* 74, 1816.

5. THECLA RUBI. The Green Hairstreak. B. M.

Papilio Rubi, *Linn. S. Nat.* i. 483, 1758. *Lew. B. B.* 92, t. 44, f. 3—6, 1795.
Thecla Rubi, *Step. H.* i. 78, 1828.

23. CHRYSOPHANUS.

Chrysophanus, *Hüb. V.* 72, 1816.
Zephyrus, § Heodes, *Dalm. P. S.* 92, 1816.
Polyommatus, *Boisd. I. M.* 10, 1829.
Migonitis, *Sodoff.—Bull. S. I. Mosc.* 8, 1837.
Lycæna, *Fab.—Step. H.* i. 79, 1828.

1. CHRYSOPHANUS PHLÆAS. The Copper. B. M

Papilio Phlæas, *Linn. F.* ii. No. 1078, 1761. *Lew. B. B.* 86, t. 41, f. 3, 4, 1795.
Lycæna Phlæas, *Step. H.* i. 79, 1828.
Var. *a.* Lycæna Phlæas, var.* *West. & H. B.* 94, t. 28, f. 8, 1841.
Var. *b.** *Engram. Pap. d'Eur.* ii. t. lxxii. *Sup.* xviii. f. 91, *g*, *h*.

*2 CHRYSOPHANUS VIRGAUREÆ. The Scarce Copper. B. M.

Papilio Virgaureæ, *Linn. S. Nat.* i. 484, 1758. *Lew. B. B.* 86, t. 41, f. 1, 2, 1795.
Lycæna Virgaureæ, *Step. H.* i. 83, 1828.

3. CHRYSOPHANUS CHRYSEIS. The Purple-edged Copper. B. M.

Papilio Chryseis, *Schiff.* (*W. V.* 181, 1776). *Sow. B. M.* i. 27, t. 13, 1806.
Lycæna Chryseis, *Step. H.* i. 80, 1828.
Papilio Eurydice, *Bork. E. S.* i. 143, 1778.
Papilio Hippothoë, var. *Esp. S.* i. *Sup.* 38, t. c. *Cont.* lv. f. 2, 1793?

4. CHRYSOPHANUS HIPPOTHOE. The Dark Underwinged Copper.

Papilio Hippothoë, *Linn.*? *F.* ii. No. 1046, 1761.
Lycæna Hippothoë, *Step. H.* i. 82, 1828.

5. CHRYSOPHANUS DISPAR. The Large Copper. B. M.

Papilio dispar, *Haw.* (*Pr.* 3, 1802). *Id. L. B.* 40, 1803.
Lycæna dispar, *Cur. B. E.* i. t. 12, 1824. *Step. H.* i. 81, 1828.
Papilio Hippothoë, var. *Esp. S.* i. 1, 350, t. 38, *Sup.* 14, f. 1, 2, 1778.
Papilio Hippothoë, *Hüb. Pa.* t. 195, f. 966—968. (Var. præc.?).

24. POLYOMMATUS.

Polyommatus, *Lat. R. A.* iii. 553, 1817.
Zephyrus, § Cyaniris, *Dalm. P. S.* 95, 1816.
Lycæna, *Boisd. I. M.* 2 edit. 10, 1840.

a. PITHECOPS.

Pithecops, *Horsf. D. C.* i. 66, 1828.

1. POLYOMMATUS ARGIOLUS. The Azure Blue. B. M.

Papilio Argiolus, *Linn. S. Nat.* i. 483, 1758. *Lew. B. B.* 76, t. 36, f. 4—6, 1795.
Polyommatus Argiolus, *Step. H.* i. 85, 1828.
Papilio Cleobis, *Esp. S.* i. 360, t. xl., *Sup.* xvi. f. 3, 1778.
Papilio Acis, *Hüb. Pa.* t. 57, f. 272—274.

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b. Nomiades.

Nomiades, *Hüb. V.* 67, 1816.

2. Polyommatus Alsus. The Small Blue. B. M.

Papilio Alsus, *Schiff.* (*W. V.* 184, 1776). *Fab. M.* ii. 73, 1787. *West. & H. B.* 100, t. 31, f. 4—8, 1841.
Polyommatus Alsus, *Step. H.* i. 86, 1828.
Papilio minimus, *Esp. S.* i. 1, 338, t. 34, *Sup.* x. f. 3, 1778.
Papilio Pseudolus, *Bork. E. S.* i. 177, 1788.

3. Polyommatus Acis. The Mazarine Blue. B. M.

Papilio Acis *Schiff.* (*W. V.* 182, 1776).
Polyommatus Acis, *Step. H.* i. 86, 1828.
Papilio semiargus, *Bork. E. S.* i. 172, 1788.
Papilio Cimon, *Lew. B. B.* 80, t. 38, f. 6, 7, 1795.
Papilio Argiolus, *Hüb. Pa.* t. 56, f. 267—269.

4. Polyommatus Arion. The Large Blue. B. M.

Papilio Arion, *Linn. S. Nat.* i. 483, 1758.
Polyommatus Arion, *Step. H.* i. 87, 1828. *West. & H. B.* 104, t. 32, f. 1—3, 1841.
Var. *a.* Polyommatus Alcon, *Step. H.* i. 88, 1828.

c. Agriades.

Agriades, *Hüb. V.* 67, 1816.

5. Polyommatus Corydon. The Chalk-hill Blue. B. M.

Papilio Corydon, *Scop. E. C.* 179, 1764. *Lew. B. B.* 76, t. 36, f. 1—3, 1795.
Polyommatus Corydon, *Step. H.* i. 88, 1828.
♀. Papilio Tiphys, *Esp. S.* i. 26, t. 51, *Cont.* 1, f. 4, 1780?
Var. *a.* Polyommatus Calæthis, *Jerm. B. C. V.* 2 ed. 169, 1827.

6. Polyommatus Adonis. The Clifden Blue. B. M.

Papilio Adonis, *Schiff.* (*W. V.* 184, 1776). *Lew. B. B.* 80, t. 38, f. 1—3, 1795.

Polyommatus Adonis, *Step. H.* i. 89, 1828.
Papilio Bellargus, *Esp. S.* i. 333, t. 32, *Sup.* 8, f. 3, 1778?
Papilio Ceronus, *Hüb. Pa.* t. 61, f. 295—297.
Papilio Argus, ♀. *Don. B. I.* iv. 75, t. 143, f. 1, 1795.
Var. *a.* Papilio Hyacinthus, *Lew. B. B.* 78, t. 78, f. 4—6, 1795.
Polyommatus Dorylas, *Step. H.* i. 90, 1828.

7. Polyommatus Alexis. The Common Blue. B. M.

Papilio Alexis, *Schiff.* (*W. V.* 184, 1776).
Polyommatus Alexis, *Step. H.* i. 91, 1828 (non *Fabr.*).
Papilio Icarus, *Vill. E.* ii. 74, 1789. *Lew. B. B.* 80, t. 38, f. 4, 5, 8, 1795.
Papilio Argus, *Berk. S.* i. 129, 1789.
Lycæna Dorylas, *Leach* (*E. E.* ix. 129, 1815).
♀. Papilio Thetis, *Esp. S.* i. 335, t. 33, *Sup.* 9, f. 3, 1778?
Var. *a.* Papilio Polyphemus, *Esp. S.* i. 387, t. 50, *Sup.* 26, f. 2, 1778?
Var. *b.* Polyommatus Labienus, *Jerm. B. C. V.* 58, 1825.
Polyommatus Eros, *Step. H.* i. 93, 1828.
♀. Var. Polyommatus Lacon, *Jerm. B. C. V.* 2 edit. 168, 1827.
♀. Var. *a.* Polyommatus dubius, *Kirby, MSS.*
♀. Var. *b.* Polyommatus Icarius, *Step. H.* i. 91, 1828.
Aber. Polyommatus Thestylis, *Jerm.* 2 edit. 167, 1827, aber.
♂. Polyommatus Alexis,* *West. & H. B.* 109, t. 34, f. 11, 1841.

d. Lycæides.

Lycæides, *Hüb. V.* 69, 1816.

8. Polyommatus Ægon. The Silver-studded Blue. B. M.

Papilio Ægon, *Schiff.* (*W. V.* 185, 1776).
Papilio Philonomus, *Bork. E. S.* i. 166, 1788.
Papilio Alsus, *Esp. S.* i. *Sup.* 46, t. 150, *Cont.* 56, f. 3—5, 1798.
Papilio Argus, *Lew. B. B.* 82, t. 39, f. 5, 6, 1795.
Polyommatus Argus, *Step. H.* i. 93, 1828.
Var. *a.* Papilio maritimus, *Haw. MSS.*
Polyommatus Alcippe, *Kirby, MSS.*

9. Polyommatus Agestis. The Brown Argus. B. M.

Papilio Agestis, *Schiff.* (*W. V.* 184, 1776).

Polyommatus Agestis, *Step. H.* i. 94, 1828.
Papilio Astrarche, *Berg. N.* 49, 1778.
Papilio Alexis, *Hüfn. ?—Naturf.* vi. 10, 1779?
Papilio Idas, *Lew. B. B.* 82, t. 39, f. 1, 2, 1795.
♀. Papilio Medon, *Esp. S.* i. 330, t. 32, *Sup.* 8, f. 1, 1778?

10. Polyommatus Salmacis. The Dark Argus. B. M.
Polyommatus Salmacis, *Step. H.* iii. 235, 1831. *Wood, I. E.* t. 3, f. 72 & 12, 1832. (Var. præc.?).

11. Polyommatus Artaxerxes. The Scotch Argus. B. M.
Hesperia Artaxerxes, *Fab. E. S.* iii. 1, 297, 1793. *West. & H. B.* 116, t. 37, f. 4—6, 1841.
Polyommatus Artaxerxes, *Step. H.* i. 95, 1828.

Fam. V. HESPERIDÆ.

Hesperidæ, *Leach, E. E.* ix. 128, 1815.
(Erynnis, *Schr. F. B.* ii. 1, 152, 1801).

25. PYRGUS.

Pyrgus, *Hüb. V.* 109, 1816.
Symmachia, *Sodoff.—Bull. S. I. Mosc.* 9, 1837.
Syrichtus, *Bois. I. M.* 2 edit. 35, 1840.

1. Pyrgus Alveolus. The Grizzle. B. M.
Papilio Alveolus, *Hüb. Pa.* t. 92, f. 466, 467.
Thymele Alveolus, *Step. H.* i. 97, 1828.
Papilio Malvæ pars., *Linn. S. Nat.* i. 485, 1758.
Papilio Malvæ minor, *Esp. S.* i. 345, t. 36, *Sup.* 12, f. 5, 1778?
Papilio Sao, *Berg. N.* 67, t. 40, f. 8, 9, 1781?
Hesperia Cardui, *Goda. L. F.* i. 240, t. 126, f. 5, 1821.
Pyrgus Malvæ, *West. & H. B.* 120, t. 38, f. 1—6, 1841.
Var. *a.* Hesperia Lavateræ, *Fab. E. S.* iii. 1, 353, 1793.
Papilio Althea, *Bork. E. S.* i. 188, 1788.
Papilio Fritillum, *Lew. B. B.* 96, t. 46, f. 4, 5, 1795.

26. NISONIADES.

Nisoniades, *Hüb. V.* 108, 1816.
Thanaos, *Bois. I. M.* 2 ed. 37, 1840.

1. Nisoniades Tages. The Dingy Skipper. B. M.
Papilio Tages, *Linn. S. Nat.* i. 485, 1758.
Thymale Tages, *Step. H.* i. 98, 1828.
Nisoniades Tages, *West. & H. B.* 123. t. 38, f. 9—13, 1841.

27. CYCLOPIDES.

Cyclopides, *Hüb. V.* 111, 1816.
Steropes, *Bois. I. M.* 2 ed. 34, 1840.

1. Cyclopides Paniscus. The Chequered Skipper. B. M.
Hesperia Paniscus, *Fab. S. E.* 531, 1775.
Pamphila Paniscus, *Step. H.* i. 100, 1828. *West. & H. B.* 124, t. 39, f. 6—9, 1841.
Papilio Brontes, *Schiff.* (*W. V.* 160, 1776).

28. PAMPHILA.

Pamphila, *Fab.—Ill. M.* vi. 287, 1807.
Hesperia, *Bois. I. M.* 2 ed. 34, 1840.

a. Thymelicus.

Thymelicus, *Hüb. V.* 113, 1816.
Thymelinus, *West. & H. B.* 125, 1841.

1. Pamphila Actæon. The Lulworth Skipper.
Papilio Actæon, *Esp. S.* i. 315, t. 36, *Sup.* 12, f. 4, 1778?
Hesperia Actæon, *Cur. B. E.* x. t. 442, 1833.

2. Pamphila Linea. The Small Skipper. B. M.
Papilio Linea, *Schiff.* (*W. V.* 160, 1776).
Pamphila Linea, *Step. H.* i. 101, 1828. *West. & H. B.* 129, t. 41, f. 8—12, 1841.

Papilio flavus, *Müll. Z. D. Pr.* 115, 1776.
Papilio Thaumus, *Esp. S.* i. 344, t. 36, *Sup.* 12, f. 2, 3, 1778?
Papilio Comma, *Barb. G.* 178, 1780.

b. Augiades.

Augiades, *Hüb. V.* 112, 1816.

3. Pamphila Sylvanus. The Large Skipper. B. M.

Hesperia Sylvanus, *Fab. E. S.* iii. 1, 326, 1793.
Pamphila Sylvanus, *Step. H.* i. 101, 1828. *West. & H. B.* 127, t. 40, f. 4—6, 1841.
Papilio Comma, *Scop. C.* No. 463, 1763.
Papilio Melicerta, *Bork. E. S.* i. 285, 1788.

4. Pamphila Comma. The Pearl Skipper. B. M.

Papilio Comma, *Linn. S. Nat.* i. 484, 1758.
Pamphila Comma, *Step. H.* i. 103, 1828. *West. & H. B.* 128, t. 41, f. 1—4, 1841.

§ 2. HETEROCERA.

Heterocera, *Bois. L.* i. 39, 1836.

Div. I. LEPIDOPTERA CREPUSCULARIA.

Lepidoptera Crepuscularia, *Latr. G.* iv. 209, 1809.

Fam. I. ZYGÆNIDÆ.

Zygænidæ, *Leach, E. E.* ix. 131, 1815.
Anthroceridæ, *West. & H. M.* i. 27, 1842.

29. PROCRIS.

Procris, *Fab.*—*Ill. M.* vi. 289, 1807.
Atychia, *Och. E. S.* ii. 11, 1808.
Ino, *Lea. E. E.* ix. 131, 1815.
Aglaope, *Dalm. Sp. S.* 224, 1816.

1. Procris Statices. The Green Forester. B. M.

Sphinx Statices, *Linn. S. Nat.* i. 495, 1758.
Ino Statices, *Step. H.* i. 105, 1828. *Cur. B. E.* ix. t. 396, 1832.
Sphinx Turcosa, *Retz. G.* 35, 1783.
Var. *a.* Ino Globulariæ, *Step. H.* i. 106, 1828.
Var. *b.* Sphinx Geryon, *Hüb. Sp.* t. 28, f. 130, 131.
Var. *c.* Sphinx micans,* *Frey. N. B.* i. 27, t. 14, f. 1, 1833.

2. Procris Globulariæ. The Scarce Forester.

Sphinx Globulariæ, *Hüb. Sp.* t. 1, f. 1, 2, 1796. *Esp. S.* ii. *Sup.* 28, t. 43, *Cont.* 18, 1806.
Ino Globulariæ, *Wood, I. E.* t. 53, f. 19, ♂.
Sphinx Statices minor ——— ? *Naturf.* xxviii. 83, 1802.
Var. *a.* Sphinx Chloros,* *Hüb. Sp.* t. 28, f. 128, 129.

30. ANTHROCERA.

Anthrocera, *Scop. I.* 414, 1777.
Zygæna (Genus Piscium), *Fab. S. E.* 550, 1775.

a. THERMOPHILA.

Thermophila, *Hüb. V.* 117, 1816.

1. ANTHROCERA LONICERÆ. The Large Five-spot Burnet. B. M.
   Sphinx Loniceræ, *Esp. S.* ii. 183, t. 24, *Sup.* 6, f. 1, *a*, *b*, 1780?
   Sphinx Graminis, *Vill. E.* ii. 115, 1789.
   Anthrocera Loti, *Step. H.* i. 109, 1828.
Var. *a*. Anthrocera Meliloti, *Step. H.* i. 107, 1828. *Wood, I. E.* ii. t. 4, f. 4, 1835. *West. & H. M.* i. 30, t. 8, f. 18, 1842.
Var. *b*. Anthrocera Trifolii, *Wood, I. E.* ii. t. 4, f. 3, 1835.

2. ANTHROCERA TRIFOLII. The Small Five-spot Burnet. B. M.
   Sphinx Trifolii, *Esp. S.* ii. 123, t. 34, *Cont.* 9, f. 4, 5, 1780?
   Anthrocera Trifolii, *Step. H.* i. 108, 1828.
   Anthrocera Loti, *West. & H. M.* i. 29, t. 6, f. 15, 16, 1842.
   Sphinx Pratorum, *Vill. E.* ii. 114, 1789.
   Sphinx Triptolemus, *Frey. N. B.* 28, t. 14, f. 4, 1833.
Var. *a*. Sphinx Orobi, *Hüb. Sp.* t. 29, f. 133, 1796.
Var. *b*. Sphinx Glycirrhizæ, *Hüb. Sp.* t. 38, f. 138, 1797.
Var *c*. Zygæna Loti, *Haw. L. B.* 74, 1803.

3. ANTHROCERA FILIPENDULÆ. The Six-spotted Burnet. B. M.
   Sphinx Filipendulæ, *Linn. S. Nat.* i. 494, 1758.
   Anthrocera Filipendulæ, *Step. H.* i. 111, 1828.
   Zygæna Filipendulæ, *Cur. B. E.* xii. t. 547, 1835.
Var. *a*. Sphinx Cythisi, *Hüb. Sp.* t. 4, f. 26, 1796.
Var. *b*. Anthrocera Hippocrepidis, var. *Step. H.* i. 110, 1828. *Wood. I. E.* t. 4, f. 6, 1839.

Fam. II. SPHINGIDÆ.

Sphingidæ, *Leach, E. E.* ix. 130, 1815.

31. SMERINTHUS.

Smerinthus, *Latr. H.* iii. 401, 1802.
Dilina, *Dalm. Sp. S.* 205, 1816.
Bebroptera, *Sodoff.—Bull. S. I. Mosc.* 10, 1837.

a. PAONIAS.

Paonias, *Hüb. V.* 142, 1816.

1. SMERINTHUS OCELLATUS. The Eyed Hawk Moth. B. M.

Sphinx ocellata, *Linn. S. Nat.* i. 489, 1758.
Smerinthus ocellatus, *Step. H.* i. 112, 1828. *West. & H. M.* i. 7, t. 1, f. 1—3, 1842.
Sphinx semipavo, *Retz. G.* 34, 1783.
Sphinx Salicis, *Hüb. Sp.* t. 15, f. 73, 1796.
♀. Smerinthus hybridus,* *Step. MSS.* *West. & H. M.* i. 7, t. 1, f. 10, 1842.

b. POLYPTYCHUS.

Polyptychus, *Hüb. V.* 141, 1816.

2. SMERINTHUS POPULI. Poplar Hawk Moth. B. M.

Sphinx Populi, *Linn. S. Nat.* i. 489, 1758.
Smerinthus Populi, *Step. H.* i. 112, 1828. *West. & H. M.* i. 8, t. 1, f. 4—6, 1842.
Smerinthus Tiliæ, *Wood, I. E.* t. 3, f. 9, 1835.
♀. ———————* *West. & H. M.* i. 7, t. 1, f. 10, *ut supra.*
♀. Smerinthus Populi, *Wing.—Tr. E. Soc.* v. 119, t. 14, f. 4, 1849.

c. MIMAS.

Mimas, *Hüb. V.* 142, 1816.

5. SMERINTHUS TILIÆ. Lime Hawk Moth. B. M.

Sphinx Tiliæ, *Linn. S. N.* i. 489, 1758.
Smerinthus Tiliæ, *Step. H.* i. 113, 1828. *West. & H. M.* i. 8, t. 1, f. 7—9, 1842.
Smerinthus Populi, *Wood, I. E.* t. 3, f. 8, 1835.
Var. *a.* Sphinx? Ulmi, *Schunc* (*teste Bois. I. M.* 2 ed. 49, 1840).
Var. *b.* *Engram. Pap. d'Eur.* iii. t. cxviii. f. 163, *m. n.*

32. ACHERONTIA.

Acherontia, *Och. S.* iv. 44, 1816.
Brachyglossa, *Bois.* (*I. M.* 33, 1829).

1. ACHERONTIA ATROPOS. The Deaths' Head. B. M.

Sphinx Atropos, *Linn. S. Nat.* i. 490, 1758.
Acherontia Atropos, *Cur. B. E.* iv. t. 147, 1827. *Step. H.* i. 114, 1828.

33. SPHINX.

Sphinx, *Auct.*
Spectrum, *Scop. I.* 413, 1777.

a. AGRIUS.

Agrius, *Hüb. V.* 140, 1816.

1. SPHINX CONVOLVULI. The Convolvulus Hawk Moth. B. M.

Sphinx Convolvuli, *Linn. S. Nat.* i. 490, 1758. *Step. H.* i. 119, 1828. *West. & H. M.* i. 12, t. 3, f. 1—3, 1842.

b. LETHIA.

Lethia, *Hüb. V.* 140, 1816.

2. SPHINX LIGUSTRI. The Privet Hawk Moth. B. M.

Sphinx Ligustri, *Linn. S. Nat.* i. 490, 1758. *Step. H.* i. 121, 1828. *West. & H. M.* i. 13, t. 3, f. 4—6, 1842.

c. HYLOICUS.

Hyloicus, *Hüb. V.* 139, 1816.

3. SPHINX PINASTRI. The Pine Hawk Moth. B. M.

Sphinx Pinastri, *Linn. S. Nat.* i. 492, 1758. *Step. H.* i. 121, 1828. *West. & H. M.* i. 14, t. 3, f. 7—9, 1842.

34. DEILEPHILA.

Deilephila, *Och. S.* iv. 42, 1816.

a. HYLES.

Hyles, *Hüb. V.* 137, 1816.

1. DEILEPHILA EUPHORBIÆ. The Spotted Elephant.

Sphinx Euphorbiæ, *Linn. S. Nat.* i. 792, 1758.
Deilephila Euphorbiæ, *Cur. B. E.* i. t. 3, 1825. *Step. H.* i. 124, 1828.

2. DEILEPHILA GALII. The Galium Hawk Moth. B. M.

Sphinx Galii, *Schiff.* (*W. V.* 42, 1776).
Deilephila Galii, *Step. H.* i. 125, 1828. *West. & H. M.* i. 18, t. 4, f. 4, 5, 1842.
Deilephila Gallii, *Fab. G. M.* 273, 1776.

b. PHRYNUS.

Phrynus, *Hüb. V.* 137, 1816.

3. DEILEPHILA LIVORNICA. The Striped Hawk Moth. B. M.

Sphinx Livornica, *Esp. S.* ii. 87, 196, t. 8, f. 4, 1780? *Id.* ii. *Sup.* 41, t. 46, *Cont.* 21, f. 4—7, 1806.
Sphinx Koechlini, *Fues. A.* i. t. 4, 1781.
Sphinx lineata, *Fab. M. I.* 96, 1787.
Deilephila lineata, *Step. H.* i. 126, t. 12, f. 1, 1828.

35. CHÆROCAMPA.

Chærocampa, *Dup. L. F.*, *Sup.* ii. 159, 1835.
Metopsilus, *Dunc. B. M.* 154, 1836.

a. HIPPOTION.

Hippotion, *Hüb. V.* 135, 1816.

1. CHÆROCAMPA CELERIO. The Silver-striped Hawk Moth.

Sphinx Celerio, *Linn. S. Nat.* i. 491, 1758. *Don. B. I.* vi. 25, t. 190, 191, 1797.
Deilephila Celerio, *Step. H.* i. 128, 1828.
Deilephila inquilinus, *Harr. Ex.* 93, t. 28, f. 1, 1776.

b. THERETRA.

Theretra, *Hüb. V.* 135, 1816.

2. CHÆROCAMPA PORCELLUS. The Small Elephant. B. M.

Sphinx Porcellus, *Linn. S. Nat.* i. 492, 1758.
Deilephila Porcellus, *Step. II.* i. 171, 1828.
Chærocampa Porcellus, *West. & H. M.* i. 23, t. 5, f. 9, 10, 1842.

c. OREUS.

Oreus, *Hüb. V.* 136, 1816.

3. CHÆROCAMPA ELPENOR. The Elephant. B. M.

Sphinx Elpenor, *Linn. S. Nat.* i. 491, 1758.
Deilephila Elpenor, *Step. II.* i. 131, 1828.
Chærocampa Elpenor, *West. & H. M.* i. 22, t. 51, f. 7, 8, 1842.

36. DAPHNIS.

Daphnis, *Hüb. V.* 134, 1816.
Metopsilus, p., *Dunc. B. M.* 154, 1836.

1. DAPHNIS NERII.* The Oleander Hawk Moth.

Sphinx Nerii, *Linn. S. Nat.* i. 490, 1758.
Deilephila Nerii, *Step. II.* iv. 1834.
Chærocampa Nerii, *Cur. B. E.* xiii. t. 626, 1837.

Fam. III. SESIIDÆ.

Sesiidæ, *Step. II.* i. 132, 1828.

37. MACROGLOSSA.

Macroglossum, *Scop. I.* 414, 1777.
Psithyros, *Hüb. V.* 132, 1816.

1. MACROGLOSSA STELLATARUM. The Humming Bird. B. M.

Sphinx Stellatarum, *Linn. S. Nat.* i. 493, 1758.
Macroglossa Stellatarum, *Step. II.* i. 133, 1828. *Cur. B. E.* xvi. t. 747, 1839.

38. SESIA.

Sesia, *Fab. S. E.* 547, 1775.
Hemaris, *Dalm. Sp. S.* 215, 1816, 1.
Cephanodes, *Hüb. V.* 131, 1816, 9.

1. Sesia Fuciformis. The Broad-bordered Bee Hawk Moth. B. M.

Sphinx Fuciformis, *Linn. S. Nat.* i. 493, 1758.
Sesia Fuciformis, *West. & H. M.* i. 26, t. 6, f. 7, 1842.
Sesia Bombyliformis, *Och. S.* ii. 189, 1808. *Step. H.* i. 135, 1829.

[B. M.

2. Sesia Bombyliformis. The Narrow-bordered Bee Hawk Moth.

Sphinx Bombyliformis, *Esp. S.* ii. 180, t. 23, *Sup.* 5, f. 2, 1780?
Sesia Bombyliformis, *Cur. B. E.* i. t. 40, 1824.
Sphinx Fuciformis, *Schiff.* (*W. V.* 44, 1776). *Step. H.* i. 134, 1829.

Fam. IV. ÆGERIIDÆ.

Ægeriidæ, *Step. H.* i. 136, 1828.
Trochiliidæ, *West. & H. M.* i. 32, 1842.

39. SPHECIA.

Sphecia, *Hüb. V.* 127, 1816.
Trochilium, *Step. H.* i. 137, 1828.

1. Sphecia Apiformis. The Hornet Moth. B. M.

Sphinx Apiformis, *Linn. F.* ii. No. 1093, 1767.
Trochilium Apiforme, *Step. H.* i. 137, 1828. *Cur. B. E.* viii. t. 372, f. **, 1831.
Sphinx Crabroniformis, *Schiff.* (*W. V.* 44, 1776).
Var. *a.* Sphinx Sireciformis, *Esp. S.* ii. 208, t. 29, *Cont.* 4, f. 4, 5, 1780?
Sphinx Tenebrioniformis, *Hüb. Sp.* t. 8, f. 54, 1796.
Var. *b.* Sphinx Tenebrioniformis, *Esp. S.* ii. 209, t. 30, *Cont.* 4, f. 1, 1780?

2. Sphecia Bembeciformis. The Lunar Hornet Moth. B. M.

Sphinx Bembeciformis, *Hüb. Sp.* t. 20, f. 98, 1796.
Trochilium Bembeciforme, *Cur. B. E.* viii. t. 372, f. *, 1831. *Step. H.* iv. 384, 1835.
Sphinx Crabroniformis, *Lew.—Linn. Tr.* iii. 23, t. 3, f. 1—5, 1797.
Trochilium Crabroniforme, *Step. H.* i. 137, 1828.

40. TROCHILIUM.

Trochilium, *Scop. I.* 414, 1777.
Ægeria, *Step. H.* i. 138, 1828.

a. Paranthrene.

Paranth. ne, *Hüb. V.* 128, 1816.
Memythrus, *Newm.—Ent. Mag.* i. 85, 1832.

1. Trochilium Vespiforme. The Clear Underwing. B. M.

Sphinx Vespiformis, *Linn. F.* ii. No. 1095, 1761.
Trochilium Vespiforme, *West. & H. M.* i. 37, t. 7, f. 3, 1842.
Sphinx Asiliformis, *Schiff.* (*W. V.* 305, 1776).
Ægeria Asiliformis, *Step. H.* i. 139, 1828.
Ægeria Œstriformis, *Kir. & Sp. I.* i. t. 3, f. 2, 1828.
Var. *a.* Sphinx Tabaniformis, *Bork. E. S.* ii. 45, 1789.

b. Bembecia.

Bembecia, *Hüb. V.* 128, 1816.

2. Trochilium Ichneumoniforme. The Six-belted Clearwing. [B. M.

Sphinx Ichneumoniformis, *Schiff.* (*W. V.* 44, 1776).
Ægeria Ichneumoniformis, *Cur. B. E.* ii. t. 53, 1824. *Step. H.* i. 140, 1828.
Sphinx Vespiformis, *Esp. S.* ii. 129, t. 15, f. 2, 1779.
Sphinx Scopigera, *Scop.? C.* No. 477, 1763.
Var. *a.* Trochilium Muscæforme, *Newm.—Ent. Mag.* i. 79, 1833. *S.* iv. 385, 1835.

c. Synanthedon.

Synanthedon, *Hüb. V.* 129, 1816.

[B. M.

3. Trochilium Cynipiforme. The Yellow-legged Clearwing.

Sesia Cynipiformis, *Och. S.* ii. 151, 1808.
Ægeria Cynipiformis, *Step. H.* i. 141, 1828. *Wood, I. E.* 14, t. 4, f. 29, ♂, ♀, 1835.

♂. Sphinx Vespiformis, *Schiff.* (*W. V.* 44, 1776).
Sphinx Asiliformis, *Bork.—Naturf.* vii. 108, 1779?
Sphinx Cynipiformis, *Esp. S.* ii. 214, t. 31, *Cont.* vi. f. 3, 4, 1780?
Sphinx Tenthrediniformis, *Haw.* (*Pr.* 6, 1802).

♀. Sphinx Tipuliformis, *Berk. O.* i. 138, 1769.
Sphinx Œstriformis, *Fues. Ent. M.* i. 117, 1778. *Esp. S.* ii. 181, t. xxiii., *Sup.* v. f. 3, 1780?
Sphinx Chrysorrhœa, *Don. B. I.* iv. 13, t. 116, 1795.

d. Trochilium.

Trochilium, *Scop. I.* 414, 1777.

4. Trochilium Sphægiforme.* The Black and White Horned Clearwing. B. M.

Sesia Sphægiformis, *Fab. M.* ii. 99, 1787.
Trochilium Sphægiforme, *West. & H. M.* i. 40, t. 7, f. 5, 1842.
Sphinx Spheciformis, *Schiff.* (*W. V.* 306, 1776).
Ægeria Spheciformis, *Step. H.* i. 140, 1828.
Sphinx Ichneumoniformis, *Bork. E. S.* ii. 131, 1789.
Sphinx semizonatus, *Haw.* (*Pr.* 6, 1802).

5. Trochilium Allantiforme. The White-belted Clearwing.

Trochilium Allantiforme, *Newm.—Ent. Mag.* i. 79, 1833. *Step. H.* iv. 385, 1835.
Sesia Andræniformis, *Lasp.? S.* 20, f. 7, 8, 1801.
Trochilium Andræniforme, *West. & H. M.* i. 40, t. 7, f. 5, 1842.

6. Trochilium Tipuliforme. The Currant Hawk Moth. B. M.

Sphinx Tipuliformis, *Linn. F.* ii. No. 1090, 1761.
Ægeria Tipuliformis, *Step. H.* i. 142, 1828.
Trochilium Tipuliforme, *West. & H. M.* i. 39, t. 7, f. 9, 1842.

e. Conopia.

Conopia, *Hüb. V.* 129, 1816.

7. Trochilium Myopæforme. The Red-belted Clearwing. B. M.
Sphinx Myopæformis, *Bork. E. S.* ii. 167, 1789.
Trochilium Myopæforme, *West. & H. M.* i. 42, t. 7, f. 11, 1842.
Sphinx Culiciformis, var. *Esp. S.* ii. 215, t. 15, f. 5, 6, 1780?
Sphinx zonatus, *Don. B. I.* vi. 35, 1797.
Sesia Mutillæformis, *Lasp. S.* 26, f. 15—17, 1801.
Trochilium Mutillæforme, *Step. H.* i. 142, 1828.
Var. *a.* Trochilium Stomoxyforme, *Step. H.* i. 144, t. 11, f. 4, 1828.

8. Trochilium Culiciforme. The Large Red-belt. B. M.
Sphinx Culiciformis, *Linn. S. Nat.* ii. 493, 1758.
Ægeria Culiciformis, *Step. H.* i. 143, 1828.
Trochilium Culiciforme, *West. & H. M.* i. 41, t. 7, f. 12, 1842.

[B. M.
9. Trochilium Formicæforme. The Flame-tipped Red-belt.
Sphinx Formicæformis, *Esp. S.* ii. 216, t. 32, *Cont.* 7, f. 3, 4, 1780?
Ægeria Formiciformis, *Step. H.* i. 144, 1828.
Trochilium Formiciforme, *West. & H. M.* i. 41, t. 7, f. 14, 1842.
Sphinx Formiciformis, *Vill. E.* ii. 104, 1789.
Sphinx flammeus, *Haw.* (*Pr.* 6, 1802).
♂. Sphinx Nomadæformis, *Hüb. Sp.* t. 19, f. 90, 1796.
♀. Sphinx Tentrediniformis, *Esp. S.* ii. 211, t. 30, *Cont.* 5, f. 2, 1780?

Div. II. LEPIDOPTERA NOCTURNA.

Lepidoptera Nocturna, *Latr. G.* iv. 216, 1809.

Sub-Div. I. LEPIDOPTERA POMERIDIANA.

Lepidoptera Pomeridiana, *Step. H.* ii. 2, 1828.

Fam. I. HEPIALIDÆ.

Hepialidæ, *Step. H.* ii. 3, 1828.

41. HEPIALUS.

Hepialus, *Fab. S. E.* 589, 1775.
Hepiolus, *Ill.* (*M.* i. 138, 1801).

a. GAZORYCTRA.

Gazoryctra, *Hüb. V.* 198, 1816.

1. HEPIALUS HECTUS. The Gold Swift. B. M.

Phalæna-B. Hecta, *Linn. F.* ii. No. 1148, 1761.
Hepialus Hectus, *Step. H.* ii. 4, 1828. *West. & H. M.* i. 45, t. 8, f. 1. 2, 1842.
Bombyx lupulina, *Hüb. B.* i. 27, 1787.
♂. var. Noctua nemorosa, *Esp. S.* iv. 30, t. 81, *Noct.* 2, f. 5, 1786.
♀. var. Noctua Jodutta, *Esp. S.* iv. 30, t. 81, *Noct.* 2, f. 6, 1786.

2. HEPIALUS LUPULINUS. The Common Small Swift. B. M.

Paalæna-B. lupulina, *Linn. S. Nat.* i. 508, 1758.
Hepialus lupulinus, *Step. H.* ii. 5, 1828. *West. & H. M.* i. 45, t. 8, f. 3—5, 1842.
Phalæna-B. Flina, *Schiff.* (*W. V.* 61, 1776).
Phalæna hecta, *Harr. Aur.* 74, t. 22, f. 1, 1778.
Hepialus lupulator, *Haw.* (*Pr.* 19, 1802).
♂. Hepialus obliquus, *Fab. S. E.* iii. 2, 6, 1794.

Hepialus Cora, *Schr. F. B.* ii. 1, 304, 1801.
♀. Hepialus lupulinus, *Fab. Sp.* ii. 207, 1781.
Hepialus fuscus, *Haw. L. B.* 141, 1810.
Var. *a.* Hepialus angulum, *Haw. L. B.* 142, 1810.
Var. *b.* Hepialus obliquus, *Haw. L. B.* 142, 1810.
Var. *c.* Hepialus nebulosus, *Haw. L. B.* 143, 1810.

b. GORGOPIS.

Gorgopis, *Hüb. V.* 198, 1816.

3. HEPIALUS HUMULI. The Ghost. B. M.

Phalæna-B. Humuli, *Linn. S. Nat.* i. 508, 1758.
Hepialus Humuli, *Step. H.* ii. 6, 1828. *West. & H. M.* i. 45, t. 8, f. 7—9, 1842.
Hepialus Humulator, *Haw.* (*Pr.* 19, 1802).

c. PHARMACIS.

Pharmacis, *Hüb. V.* 198, 1816.

4. HEPIALUS VELLEDA. The Beautiful Swift. B. M.

Bombyx Velleda, *Hüb. B.* t. 50, f. 212, 1798?
Hepialus Velleda, *Step. H.* ii. 6, 1828.
Phalæna Mappa, *Don. B. I.* x. 95, t. 36, f. 3, 1801.
Pharmacis Flina, *Hüb.* (*V.* 199, 1816).
Var. *a.* Hepialus carnus, *Step. H.* ii. 7, t. 13, f. 1, 1828.

d. TRIODIA.

Triodia, *Hüb. V.* 198, 1816.

5. HEPIALUS SYLVINUS. The Orange Swift. B. M.

Phalæna-B. sylvina, *Linn. F.* ii. No. 1151, 1761.
Hepialus sylvinus, *Cur. B. E.* iv. t. 185, 1827. *Step. H.* ii. 7, 1828.
Bombyx lupulina, *Hüb. B.* t. 48, f. 205, 206.
♂. Hepialus Crux, *Fab. M.* ii. 135, 1787.
♀. Hepialus angulatus, *Fab. Sp. I.* ii. 506, 1781.

Var. *a*. Noctua Flina, *Esp. S.* iv. 35, t. 82, *Noct.* 3, f. 5—7, 1786.
Hepialus Fauna, *Schr. F. B.* ii. 1, 305, 1801.
Var. *b*. Hepialus Hamma, *Schr. F. B.* ii. 1, 302, 1801.

42. ZEUZERA.

Zeuzera, *Lat. H.* xiv. 175, 1802.
Latagia, *Hüb. V.* 196, 1816.

1. ZEUZERA ÆSCULI. The Wood Leopard. B. M.

Phalæna-B. Æsculi, *Linn. S. Nat.* ii. 833, 1767. *Step. H.* ii. 8, 1828.
Zeuzera Æsculi, *Cur. B. E.* xvi. t. 722, 1839.
Phalæna-N. Pyrina, *Linn. F.* ii. No. 1150, 1761.

43. MACROGASTER.

Macrogaster, *Dup. C.* 81, 1846.
Zeuzera, *Hüb. V.* 196, 1816.

1. MACROGASTER ARUNDINIS. The Reed Leopard.

Bombyx Arundinis, *Hüb. B.* t. 40, f. 200, 201.
Zeuzera Arundinis, *Step.—Entom.* 160, 1841. *West. & H. M.* i. 49, t. 9, f. 7, 8, 1842.
Bombyx castanea, *Esp. S.* iii., *Sup.* 97, t. 94, *Cont.* 25, f. 1, 2, 1808.

44. COSSUS.

Cossus, *Fab. E. S.* iii. 2, 4, 1794.
Xyleutes, *Hüb. V.* 195, 1816.

1. COSSUS LIGNIPERDA. The Goat. B. M.

Cossus ligniperda, *Fab. E. S.* iii. 2, 4, 1794. *Step. H.* i. 9, 1828. *Cur. B. E.* ii. t. 60, 1825.
Bombyx Cossus, *Linn. S. Nat.* i. 504, 1758.

Fam. II. NOTODONTIDÆ.

Notodontidæ, *Step. H.* ii. 10, 1828.

Sub-F. I. PYGERIDI.

Pygeridi, *Step. MSS.*
Pygæridæ, *Dup. C.* 95, 1846.

45. PHALERA.

Phalera, *Hüb. V.* 146, 1816.
Pygæra, p., *Och. E. S.* iii. 224, 1810.
Sericaria, p., *Lat. F. N.* 474, 1825.
Acrosema, *Meig. E. S.* iii. 24, 1832.
Hammatophora, *West. & H. M.* i. 63, 1842.

1. PHALERA BUCEPHALA. The Buff-tip. B. M.

Phalæna-B. bucephala, *Linn. S. Nat.* i. 58, 1758.
Pygæra bucephala, *Step. H.* ii. 12, 1828. *Cur. B. E.* xii. t. 530, 1835.
Phalæna lunata, *Retz. G.* 38, 1783.

46. CLOSTERA.

Clostera, *Hoff. MSS. ? Step. H.* ii. 12, 1828.
Pygæra, t., *Och. E. S.* iii. 224, 1810.
Ichthyura, *Hüb. V.* 162, 1816.
Sericaria, p., *Lat. F. N.* 474, 1825.

1. CLOSTERA RECLUSA. The Small Chocolate-tip. B. M.

Bombyx reclusa, *Schiff.* (*W. V.* 56, 1776).
Clostera reclusa, *Step. H.* ii. 13, 1828. *West. & H. M.* i. 64, t. 13, f. 6, 7, 1842.
Phalæna anastomosis, *Scop.? E. C.* No. 502, 1763. *Don. B. I.* iv. 33, t. 124, ♂, 43, t. 129, f. 4, ♀, 1795.
Var. *a.* Clostera reclusa, var. *Step. H.* ii. 13, t. 16, f. 1, 1828.
Clostera suffusa, *Step. II.* iv. 385, 1835.

2. Clostera Anachoreta.* The Scarce Chocolate-tip. B. M.
Bombyx Anachoreta, *Schiff.* (*W. V.* 56, 1776).
Clostera Anachoreta, *Step. H.* ii. 13, 1828. *Cur. B. E.* xv. t. 715, 1838.
Bombyx curtula, *Esp. S.* iii. 256, t. 51, f. 1—4, 1784.

3. Clostera curtula. The Chocolate-tip. B. M.
Phalæna-B. curtula, *Linn. S. Nat.* i. 503, 1758.
Clostera curtula, *Step. H.* ii. 14, 1828. *West. & H. M.* i. 65, t. 13, f. 10 & 10, 1842.
Bombyx Anachoreta, *Esp. S.* iii. 260, t. 51, f. 58, 1784.

Sub-F. II. DICRANURIDI.

Dicranuridi, *Step. MSS.*
Dicranuridæ, *Dup. C.* 86, 1846.

47. CERURA.

Cerura, *Schr. F. B.* ii. 2, 155, 1802.
Harpyia, *Och.* (*E. S.* iii. 19, 1810).
Furcula, *Lama. I.* iii. 581, 1816.
Pania, *Dalm. Anal. Ent.* 92, 1823.
Dicranura, *Latr. F. N.* 473, 1825.

a. Harpyias.

Harpyias, *Hüb. V.* 148, 1816.

1. Cerura bicuspis.* The Dark-barred Kitten.
Phalæna-B. bicuspis, *Bork. E. S.* iii. 380, 1790.
Bombyx bicuspis, *Hüb. Bo.* t. 10, f. 36, 1796.
Cerura bicuspis, *West. & H. M.* i. t. 15, f. 2, 1842.
Cerura furcula, var. *Bois. I. M.* 54, 1829.

2. Cerura furcula. The Kitten. B. M.
Phalæna-B. furcula, *Linn. F.* ii. No. 1122, 1761.
Cerura furcula, *Step. H.* ii. 17, 1828. *West. & H. M.* i. 74, t. 15, f. 4, 5, 1842.

Furcula Salicis, *Lama. I.* iii. 582, 1816.
Var. *a.* Cerura bicuspis, *Step. H.* ii. 16, t. 13, f. 3, 1828, 10.
Cerura emarginata, *Step. MSS.*
Aber.? Cerura integra, *Step. H.* ii. 16, t. 15, f. 3, 1828, 10.

3. CERURA BIFIDA. The Barred Kitten. B. M.

Bombyx bifida, *Hüb. Bo.* t. 10, f. 38, 1796.
Cerura bifida, *Step. H.* ii. 19, t. 15, f. 2, 1828. *West. & H. M.* i. 77, t. 15, f. 8, 9, 1842.
Cerura furcula, var. *Bois. I. M.* 54, 1829.
Bombyx furcula, *Esp. S.* iii. 102, t. 19, f. 3—7, 1782.
Var. *a.* Cerura latifascia, *Cur. B. E.* iv. t. 193, 1827. *Step. H.* ii. 18, 1828.
Cerura bidens, *Step. MSS. olim.*
Var. *b.* Cerura arcuata, *Step. H.* ii. 17, 1828, 11.
Var. *c.* Cerura forficula, *Zett.? teste Fisch. E. R.* i. 62, 1820.
Var. *d.* Cerura fuscinula, *Step. H.* ii. 18, t. 15, f. 1, 1828, 11.

b. HARPYIA.

Harpyia, *Hüb. V.* 148, 1816.

4. CERURA VINULA. The Puss. B. M.

Phalæna-B. Vinula, *Linn. S. Nat.* i. 499, 1758.
Cerura Vinula, *Step. H.* ii. 19, 1828. *West. & H. M.* i. 77, t. 15, f. 12, 13, 1842.
Var. *a.* Bombyx minax, *Hüb. Bo.* t. 56, f. 243, 1802?

48. STAUROPUS.

Stauropus, *Germ. Pr.* 45, 1811.
Terasion, *Hüb. V.* 147, 1816.
Harpyia, *Bois.* (*I. M.* 54, 1829).

1. STAUROPUS FAGI. The Lobster Moth. B. M.

Phalæna-B. Fagi, *Linn. S. Nat.* i. 508, 1758.
Stauropus Fagi, *Step. H.* ii. 21, 1828. *Cur. B. E.* xv. t. 674, 1838.

Sub-F. III. NOTODONTIDI.

Notodontidi, *Step. MSS.*
Notodontidæ, *Dup. C.* 89, 1846.

49. NOTODONTA.

Notodonta, *Auct.*

1. Notodonta dromedarius. The Iron Prominent. B. M.

Phalæna-B. dromedarius, *Linn. S. Nat.* ii. 827, 1776.
Notodonta dromedarius, *Step. II.* ii. 22, 1828. *Cur. B. E.* xvi. t. 739, 1839.
Var. *a.* Bombyx dromedarulus, *Haw.* (*Pr.* 8, 1802).
Phalæna Zebu, *Don. B. I.* xii. 1, t. 397, f. 1, 1807.
Var. *b.* Notodonta perfusca, *Step. H.* ii. 23, t. 14, f. 2, 1828.
Notodonta torva, *Ing.* (*Inst.* 91, 1827).

2. Notodonta Tritophus.* The Dark Iron Prominent.

Bombyx Tritophus, *Schiff.* (*W. V.* 63, 1766).
Bombyx Tremulæ, *Brahm.* (*I. K.* 259, 1790).
Bombyx torva, *Hüb. Bo.* t. 7, f. 27, 1797.
Bombyx perfuscus, *Haw.? L. B.* 100, 1803, var.?

3. Notodonta ziczac. The Pebble Prominent. B. M.

Phalæna-B. ziczac, *Linn. S. Nat.* i. 504, 1758.
Notodonta ziczac, *Step. H.* ii. 23, 1828. *West. & H. M.* i. 66, t. 13, f. 15, 16, 1842.

50. PHEOSIA.

Pheosia, *Hüb. V.* 145, 1816.
Leiocampa, *Step. II.* ii. 10, 1828.

1. Pheosia dictæa. The Swallow Prominent. B. M.

Phalæna-B. dictæa, *Linn. S. Nat.* ii. 826, 1766.
Leiocampa dictæa, *Step. II.* ii. 25, 1828. *West. & H. M.* i. 67, t. 13, f. 16, 17, 1842.

Phalæna-B. Tremula, *Linn. F.* ii. No. 1121, 1761.
Phalæna-B. porcellanea, *Hüfn.—Berl. M.* iii. 420, 1769?
Phalæna trepida? *Don. B. I.* vii. 63, t. 209, f. 1, 1769.

2. PHEOSIA DICTÆOIDES. The Lesser Swallow Prominent. B. M.
Bombyx dictæoides, *Esp. S.* iii., *Sup.* 27, t. 84, *Cont.* 5, f. 2, 3, 1787?
Leiocampa dictæoides, *Step. H.* ii. 26, 1828. *West. & H. M.* i. 67, t. 13, f. 18, 19, 1842.
Bombyx gnoma, *Fab. M.* ii. 122, 1787.

51. LOPHOPTERYX.

Lophopteryx, *Step. H.* ii. 10, 1828.
Odontosia, p., *Hüb. V.* 145, 1816.

1. LOPHOPTERYX CAMELINA. The Coxcomb Prominent. B. M.
Phalæna-B. camelina. *Linn. S. Nat.* i. 507, 1758.
Lophopteryx camelina, *Step. H.* ii. 26, 1828. *West. & H. M.* i. 68, t. 14, f. 1, 2, 1842.
Var. *a.* Phalæna-B. capuzina, *Linn. S. Nat.* i. 507, 1758.
Aber.? Bombyx Giraffina,* *Hüb. Bo.* t. 66, f. 277, 278.

2. LOPHOPTERYX CUCULLINA. The Maple Prominent. B. M.
Bombyx cucullina, *Schiff.* (*W. V.* 311, 1776).
Lophopteryx cucullina, *West. & H. M.* i. 69, t. 14, f. 3, 4, 1842.
Bombyx cuculla, *Esp. S.* iii. 364, t. 72, f. 1, 1785.
Lophopteryx cuculla, *Step. H.* ii. 27, 1828.

3. LOPHOPTERYX CARMELITA. The Scarce Prominent. B. M.
Bombyx carmelita, *Esp. S.* iii., *Sup.* 65, t. 91, *Cont.* 1, f. 1, 1807.
Lophopteryx carmelita, *Step. H.* ii. 27, t. 14, f. 3, 1828.
Bombyx capuzina, *Hüb. Bo.* t. 5, f. 21, 1797.

52. PTEROSTOMA.

Pterostoma, *Germ. Pr.* 43, 1811.
Odontosia, t., *Hüb. V.* 145, 1816.

Ptilodontis, *Step. H.* ii. 10, 1828.
Orthorhinia, *Bois.* (*I. M. 56*, 1829).

1. PTEROSTOMA PALPINA. The Pale Prominent. B. M.

Phalæna-B. palpina, *Linn. F.* ii. No. 1146, 1761.
Pterostoma palpina, *Step. H.* ii. 28, 1828. *West. & H. M.* i. 70, t. 14, f. 6, 1842.
Pterostoma Salicis, *Germ. Pr.* 43, 1811.

53. PTILOPHORA.

Ptilophora, *Step. H.* ii. 11, 1828.
Odontosia, p., *Hüb. V.* 145, 1816.

1. PTILOPHORA PLUMIGERA. The Plumed Prominent. B. M.

Bombyx plumigera, *Schiff.* (*W. V.* 61, 1776).
Ptilophora plumigera, *West. & H. M.* i. 73, t. 14, f. 18, 19, 1842.
Phalæna variegata, *Vill. E.* ii. 164, 1789.
Ptilophora Aceris, *Step. MSS. olim.*
Ptilophora variegata, *Step. H.* ii. 29, t. 14, f. 1, 1828.

54. DRYMONIA.

Drymonia, *Hüb. V.* 144, 1816.
Chaonia, *Step. H.* ii. 10, 1828.
Dimorpha, *Cur.* (*G.* 2 ed. 176, 1837).

1. DRYMONIA CHAONIA. The Lunar Marbled Brown. B. M.

Bombyx Chaonia, *Schiff.* (*W. V.* 49, 1776).
Drymonia Chaonia, *West. & H. M.* i. 72, t. 14, f. 13, 14, 1842.
Phalæna confusa, *Hüfn.* ?—(*Berl. M.* iii. 4, 1769).
Noctua Roboris, *Fab. G. M.* 283, 1777.
Chaonia Roboris, *Step. H.* ii. 30, 1828.

2. DRYMONIA DODONEA. The Marbled Brown. B. M.

Bombyx dodonea, *Schiff.* (*W. V.* 49, 1776).
Chaonia dodonea, *Step. H.* ii. 30, 1828.
Dimorpha Chaonia, *Cur. B. E.* xvi. t. 755, 1839.
Bombyx trimacula, *Esp. S.* iii. 242, t. 46, f. 1—3, 1784.

Phalæna-B. tripartita, *Bork. E. S.* 424, 1790.
Bombyx Ilicis, *Fab. S. E.* iii. 1, 434, 1794.
Var. *a.* Bombyx Querneus, *Haw. L. B.* 104, 1803.

55. GLUPHISIA.

Gluphisia, *Bois.* (*I. M.* 56, 1829).

1. GLUPHISIA CRENATA.* The Dusky Marbled Brown.

Bombyx crenata, *Esp. S.* iii. 245, t. 47, f. 3, 4, 1784.
Gluphisia crenata, *West. & H. M.* i. 73, t. 14, f. 15, 1842.
Bombyx crenosa, *Hüb. Bo.* t. 4, f. 12, 1796.

56. DILOBA.

Diloba, *Bois. I. M.* 2 ed. 88, 1840.
Episema, t., *Och.* (*E. S.* iv. 65, 1816, 3).
Disphragis, p., *Hüb. V.* 194, 1816, 9.

1. DILOBA CÆRULEOCEPHALA. The Figure-of-Eight Moth. B. M.

Phalæna-B. cæruleocephala, *Linn. S. Nat.* i. 504, 1758.
Episema cæruleocephala, *Step. H.* ii. 15, 1828.
Disphragis cæruleocephala, *West. & H. M.* i. 80, t. 16, f. 14, 1842.

57. PETASIA.

Petasia, *Step. H.* ii. 11, 1828.
Brachionycha, p., *Hüb. V.* 114, 1816.
Asteroscopus, *Bois.* (*I. M.* 59, 1829).
Brachionyx, *Meig. E. S.* iii. 178, 1832.

1. PETASIA CASSINEA. The Sprawler. B. M.

Bombyx Cassinea, *Schiff.* (*W. V.* 61, 1776).
Petasia Cassinea, *Step. H.* ii. 32, 1828. *West. & H. M.* i. 70, t. 14, f. 7, 8, 1842.
Bombyx Sphinx, *Esp. S.* iii. 249, t. 49, f. 1—3, 1784.

58. PERIDEA.

Peridea, *Step. H.* ii. 11, 1828.

1. PERIDEA TREPIDA. The Great Prominent. B. M.

Bombyx trepida, *Fab. M.* ii. 121, 1787.
Peridea trepida, *West. & H. M.* i. 71, t. 14, f. 9, 10, 1842.
Bombyx Tremulæ, *Schiff.* (*W. V.* 49, 1776).
Phalæna-B. serrata, *Thunb. I. S.* 47, 1792.
Peridea serrata, *Step. H.* ii. 33, 1828.
Phalæna tritopha, *Don. B. I.* x. 91, t. 359, 1801.

Sub-F. IV. ENDROMIDI.

Endromidi, *Step. MSS.*
Endromidæ, *Dup. C.* 79, 1846.

59. ENDROMIS.

Endromis, *Och. E. S.* iii. 15, 1810, 6.
Dorvillia, *Lea.* (*E. E.* ix. 132, 1815).
Bombyx, *Sodoff.—Bull. S. I. Mosc.* ii. 1837.

1. ENDROMIS VERSICOLOR. The Kentish Glory. B. M.

Phalæna-B. versicolora, *Linn. S. Nat.* i. 499, 1758.
Phalæna versicolor, *Neale.—Ent. Tr.* i. 323, t. 9, ♂, ♀, 1813.
Endromis versicolor, *Step. H.* ii. 34, 1828.

Fam. III. BOMBYCIDÆ.

Bombycidæ, *Step. H.* ii. 3, 1828.

Sub-F. I. ATTACIDI.

Attacidi, *Step. MSS.*
Attacidæ, *Dup. C.* 78, 1846.
Saturnides, *Bois. I. M.* 2 ed. 73, 1840.

60. SATURNIA.

Saturnia, *Schr. F. B.* ii. 2, 149, 1802.
Attacus, *Germ. Pr.* 9, 1811.
Pavonia, *Hüb. V.* 157, 1816.

1. SATURNIA PAVONIA-MINOR. The Emperor Moth. B. M.

Phalæna-B. Pavonia-minor, *Linn. S. Nat.* i. 497, 1758.
Saturnia Pavonia-minor, *Step. H.* ii. 37, 1828. *West. & H. M.* i. 51, t. 10, f. 1, 2, 1842.
Phalæna-B. Pavonia, *var.* minor, *Linn. F.* ii. No. 1099, 1761.
Phalæna Pavoniella, *Scop. C.* No. 483, 1763.
Bombyx Carpini, *Schiff.* (*W. V.* 50, 1776).
Phalæna Pavunculus, *Retz. G.* 35, 1783.

Sub-F. II. BOMBYCIDI.

Bombycidi, *Step. MSS.*
Bombyx, *Bois.* (*I. M.* 48, 1829).
Bombicini, *Bois. I. M.* 2 ed. 69, 1840.
Bombycidæ, *Dup. C.* 74, 1846.

61. LASIOCAMPA.

Lasiocampa, *Schr. F. B.* ii. 2, 153, 1802.
Bombyx, *Dup. C.* 77, 1846.

a. METANASTRIA.

Metanastria, *Hüb. V.* 186, 1816.

1. LASIOCAMPA RUBI. The Fox Moth. B. M.

Phalæna-B. Rubi, *Linn. S. Nat.* i. 498, 1758.
Lasiocampa Rubi, *Step. H.* ii. 39, 1828. *West. & H. M.* i. 57, t. 11, f. 1—4, 1842.
Bombyx Trifolii, *Pz.—Schæff. Ic.* 159, 1804.

b. PACHYGASTRIA.

Pachygastria, *Hüb. V.* 186, 1816.

2. LASIOCAMPA TRIFOLII. The Grass Eggar. B. M.

Bombyx Trifolii, *Schiff.* (*W. V.* 57, 1776).
Lasiocampa Trifolii, *Step. H.* ii. 40, 1828. *West. & H. M.* i. 58, t. 11, f. 5—7, 1842.
Bombyx Dumeti, *Fues. S. I.* 34, 1775.
Var. *a.* Phalæna-B. Medicaginis, *Bork.—Rhen. M.* i. 363, 1793.
Lasiocampa Medicaginis, *Cur. B. E.* iv. t. 181, 1827. *Step. H.* ii. 41, 1828.
Bombyx Trifolii, *Pz. F. G.* xix. f. 23, 1794.
Phalæna Quercus, *Wilkes, B. M.* t. 23, 1773.

3. LASIOCAMPA QUERCUS. The Oak Eggar.

Phalæna-B. Quercus, *Linn. F.* ii. No. 1106, 1761. *Linn.? S. Nat.* i. 498, 1758.
Lasiocampa Quercus, *Step. H.* ii. 40, 1828. *West. & H. M.* i. 58, t. 11, f. 13, 1842.
Var. *a.* Bombyx Roboris, *Schr. F. B.* ii. 1, 275, 1801.
Lasiocampa Roboris, *Step. H.* ii. 41, 1828. *West. & H. M.* i. 58, t. 11, f. 8—12.
Bombyx Quercus, *Esp. S.* iii. 81, t. 14, f. 1, 2, 1782.
Var. *b.* Lasiocampa Callunæ, *Palmer.—Zool.* 1656, 1847, 3.
Var. *c.* Bombyx Spartii? *Hüb. Bo.* t. 39, f. 173.
Var. *d.* Lasiocampa Quercus,* var. *West. & H. M.* i. 58, t. 11, f. 9, 13.

62. ERIOGASTER.

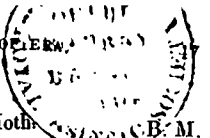
Eriogaster, *Germ. Pr.* 16, 1811.
Dasysoma, *Hüb. V.* 185, 1816.

1. ERIOGASTER LANESTRIS. The Small Eggar. B. M.

Phalæna-B. lanestris, *Linn. S. Nat.* i. 499, 1758.
Eriogaster lanestris, *Step. H.* ii. 45, 1828. *West. & H. M.* i. 54, t. 10, f. 3, 4, 1842.

63. PŒCILOCAMPA.

Pœcilocampa, *Step. H.* ii. 36, 1828.
Diaphone, p., *Hüb. V.* 188, 1816.



1. PÆCILOCAMPA POPULI. The December Moth. B. M.

Phalæna-B. Populi, *Linn. S. Nat.* i. 502, 1758.
Pœcilocampa Populi, *Step. H.* ii. 44, 1828. *West. & H. M.* i. 54, t. 10, f. 7, 8, 1842.

64. TRICHIURA.

Trichiura, *Step. H.* ii. 36, 1828.
Diaphone, p., *Hüb. V.* 188, 1816.

1. TRICHIURA CRATÆGI. The Pale Oak Eggar. B. M.

Phalæna-B. Cratægi, *Linn. S. Nat.* i. 502, 1758.
Trichiura Cratægi, *Step. H.* ii. 43, 1828. *West. & H. M.* i. 56, t. 10, f. 13, 14, 1842.
Phalæna albicaudata, *Retz. G.* 36, 1783.
Bombyx Mali, *Fab. M.* ii. 115, 1787.
♀. Phalæna-B. Vitis-Idææ, *Linn. F.* ii. No. 1163, 1761.
Var. *a*. Bombyx Avellanæ, *Fab. M.* ii. 116, 1787.
Var. *b*. Bombyx pallidus, *Haw. L. B.* 105, 1803.

65. CLISIOCAMPA.

Clisiocampa, *Cur. B. E.* v. t. 229, 1829.
Malacosoma, p., *Hüb. V.* 192, 1816.

1. CLISIOCAMPA CASTRENSIS. The Ground Lackey. B. M.

Phalæna-B. Castrensis, *Linn. S. Nat.* i. 500, 1758.
Clisiocampa Castrensis, *Cur. B. E.* v. t. 229, 1828, 9. *Step. H.* ii. 48, t. 13, f. 2, ♂, 1828, 12.
Phalæna-B. Neustria, *β. Linn. F.* ii. No. 1102, 1761.
♀. Lasiocampa Castrensis,* *Klug, Herm.* t. fig. im. hermap.

2. CLISIOCAMPA NEUSTRIA. The Lackey. B. M.

Phalæna-B. Neustria, *Linn. S. Nat.* i. 500, 1758.
Clisiocampa Neustria, *Step. H.* ii. 47, 1828. *West. & H. M.* i. 50, t. 10, f. 11, 12, 1842.
Var. *a*. Bombyx bilineatus, *Haw. L. B.* 130, 1803.

Sub-F. III. LASIOCAMPIDI.

Lasiocampidi, *Step. MSS.*
Lasiocampidæ, *Dup. C.* 71, 1846.

66. ODONESTIS.

Odonestis? *Germ. Pr.* 49, 1811.
Odenesis, *Sam. C.* 247, 1818.
Cosmotriche, *Hüb. V.* 188, 1816.

1. Odonestis Potatoria. The Drinker. B. M.

Phalæna-B. Potatoria, *Linn. S. Nat.* i. 498, 1758.
Odonestis Potatoria, *Step. H.* ii. 51, 1828. *West. & H. M.* i. 56, t. 10, f. 15—17, 1842.
Var. *a.* Odonestis palustris, *Step. MSS.*
Engram. Pap. d'Eur. v. t. clxxii. f. 223, f. 1786.

67. DENDROLIMUS.

Dendrolimus, *Germ.* (*Pr.* 48, 1811).
Lasiocampa, p., *Hüb. V.* 189, 1816.
Eutricha, *Step. H.* ii. 36, 1828.
Phylloma, *Billb.* (*Cat.* 1820).

1. Dendrolimus Pini. The Pine Lappet. B. M.

Phalæna-B. Pini, *Linn. S. Nat.* i. 498, 1758.
Odonestis Pini, *Cur. B. E.* i. t. 7, 1824. *Step. H.* ii. 50, 1828.

68. GASTROPACHA.

Gastropacha, *Och. S.* iii. 239, 1810.
Phyllodesma, *Hüb. V.* 190, 1816.
Lasiocampa, *Bois. I. M.* 2 ed. 71, 1840.

1. Gastropacha Quercifolia. The Oak Lappet. B. M.

Phalæna-B. Quercifolia, *Linn. S. Nat.* i. 497, 1758.
Gastropacha Quercifolia, *Step. H.* ii. 52, 1828. *West. & H. M.* i. 60, t. 12, f. 4—7, 1842.

Fam. IV. ARCTIIDÆ.

Arctiidæ, *Step. H.* ii. 3, 1828.

Sub-F. I. LIPARIDI.

Liparidi, *Step. MSS.*
Liparides, *Bois. I. M.* 2 ed. 66, 1840.

69. LYMANTRIA.

Lymantria, *Hüb. V.* 160, 1816.
Psilura, *Step. H.* ii. 79, 1828.

1. Lymantria Monacha. The Black Arches. B. M.
Phalæna-B. Monacha, *Linn. S. Nat.* i. 501, 1758.
Psilura Monacha, *Step. H.* ii. 57, 1828. *West. & H. M.* i. 86, t. 17, f. 4—7, 1842.
Var. *a.* Hypogymna Monacha, *Cur. B. E.* xvi. t. 767, 1839.

70. HYPOGYMNA.

Hypogymna, *Step. H.* ii. 55, 1828.
Porthetria, p., *Hüb. V.* 160, 1816.

1. Hypogymna dispar. The Gipsy. B. M.
Phalæna-B. dispar, *Linn. S. Nat.* i. 501, 1758.
Hypogymna dispar, *Step. H.* ii. 55, 1828.
Porthetria dispar, *West. & H. M.* i. 85, t. 17, f. 1—3, 1842.

71. DASYCHIRA.

Dasychira, *Step. H.* ii. 55, 1828.
Orgyia, *Hüb. V.* 161, 1816.
Orgya, *Zett. I. L.* 926, 1840.

1. DASYCHIRA FASCELINA. The Dark Tussock. B. M.

Phalæna-B. fascelina, *Linn. S. Nat.* i. 503, 1758.
Dasychira fascelina, *Step. H.* ii. 58, 1828. *West. & H. M.* i. 87, t. 17, f. 14—16, 1842.
Bombyx Medicaginis, *Hüb. Bo.* t. 21, f. 81, 1799?

2. DASYCHIRA PUDIBUNDA. The Light Tussock. B. M.

Phalæna-B. pudibunda, *Linn. S. Nat.* i. 503, 1758.
Dasychira pudibunda, *Step. H.* ii. 59, 1828. *West. & H. M.* i. 87, t. 17, f. 17—19, 1842.
Bombyx Juglandis, *Hüb. Bo.* t. 21, f. 84, 85, 1799?

72. DEMAS.

Demas, *Step. H.* ii. 55, 1828.
Colocasia, *Och.* (*S.* iv. 63, 1816).

1. DEMAS CORYLI. The Nut-tree Tussock. B. M.

Phalæna-B. Coryli, *Linn. S. Nat.* i. 503, 1758.
Demas Coryli, *Step. H.* ii. 60, 1828. *West. & H. M.* i. 88, t. 17, f. 20, 21, 1842.

73. ORGYIA.

Orgyia, *Step. H.* ii. 55, 1828.
Notolophus, *Germ. Pr.* 35, 1811.
Gynaëphora, *Hüb. V.* 161, 1816.

1. ORGYIA ANTIQUA. The Common Vapourer. B. M.

Phalæna-B. antiqua, *Linn. S. Nat.* i. 504, 1758.
Orgyia antiqua, *Step. H.* ii. 61, 1828. *West. & H. M.* i. 86, t. 17, f. 8—10, 1842.
Phalæna gonostigma, *Scop. C.* No. 497, 1763.
Phalæna paradoxa, *Retz. G.* 36, 1783.
♂. Orgyia antiqua,* *Wing.—Tr. Ent. Soc.* v. 119, t. xiv. f. 5, 1849, hermap.

2. ORGYIA GONOSTIGMA. The Scarce Vapourer. B. M.

Phalæna-B. gonostigma, *Linn. S. Nat.* ii. 826, 1767.

Orgyia gonostigma, *Step. H.* ii. 61, 1828. *Cur. B. E.* viii. t. 378, 1831.
Phalæna antiqua, *Scop. C.* 20, 496, 1763.
Gynæephora recens, *Hüb.* (*V.* 161, 1816).

74. LÆLIA.

Lælia, *Step. H.* ii. 62, 1828.
Laria, p., *Hüb. V.* 159, 1816.

1. Lælia cœnosa. The Whittlesea Ermine. B. M.

Bombyx cœnosa, *Hüb. Bo.* t. 51, f. 218, 1812?
Arctia cœnosa, *Cur. B. E.* ii. t. 68, 1825.
Lælia cœnosa, *Step. H.* ii. 63, 1828.
Lælia pyrrhopa, *Step. MSS., olim.*

75. LEUCOMA.

Leucoma, *Step. H.* ii. 63, 1828.
Laria, p., *Hüb. V.* 159, 1816.

1. Leucoma Vau-nigrum. The Black V. Moth. B. M.

Bombyx Vau-nigrum, *Fab. S. E.* 557, 1775.
Leucoma Vau-nigrum, *Step. H.* ii. 64, t. 16, f. 2, 1828. *West. & H. M.* i. 89, t. 18, f. 1, 1842.
Bombyx nivosa, *Schiff.* (*W. V.* 52, 1776).

76. STILPNOTIA.

Stilpnotia, *West. & H. M.* i. 90, 1842.
Arctornis, p., *Germ. Pr.* 18, 1811.
Leucoma, p., *Step. H.* ii. 63, 1828.

1. Stilpnotia Salicis. The White Satin Moth. B. M.

Phalæna-B. Salicis, *Linn. S. Nat.* i. 502, 1758.
Leucoma Salicis, *Step. H.* ii. 64, 1828.
Stilpnotia Salicis, *West. & H. M.* i. 90, t. 18, f. 2—4, 1842.
Phalæna apparens, *Retz. G.* 37, 1783.

77. EUPROCTIS.

Euproctis, *Hüb. V.* 159, 1816.
Arctornis, t., *Germ. Pr.* 18, 1811.
Porthesia, *Step. H.* ii. 65, 1828.

1. Euproctis chrysorrhœa. The Brown-tail Moth. B. M.

Phalæna-B. chrysorrhœa, *Linn. S. Nat.* i. 502, 1758.
Phalæna phæorrhœa, *Curt. B. T. Moth*, 1782.
Porthesia auriflua, *Step. H.* ii. 66, 1828. *West. & H. M.* i. 91, t. 18, f. 9—11, 1842.
Var. *a*. Bombyx chrysorrhœa, *Hüb. Bo.* t. 58, f. 248, 249, 1814?

2. Euproctis auriflua. The Yellow-tail Moth. B. M.

Bombyx auriflua, *Fab. E. S.* iii. 1, 458, 1793.
Porthesia chrysorrhœa, *Step. H.* ii. 65, 1828. *West. & H. M.* i. 90, t. 18, f. 7, 8, 1842.
♂. Bombyx auriflua, *Haw. L. B.* 108, 1803.
♀. Bombyx chrysorrhœus, *Haw. L. B.* 108, 1803.

Sub-F. II. CHELONIDI.

Chelonidi, *Step. MSS.*
Chelonides, *Bois. I. M.* 2 ed. 61, 1840.

78. HYPERCOMPA.

Hypercompa, *Step. H.* ii. 55, 1828.
Hypercampa, *Cur. G.* 143, 1830.
Heraclia, p., *Hüb. V.* 180, 1816.
Callimorpha, *Doub.* (*L.* 4, 1848).

1. Hypercompa Dominula. The Scarlet Tyger. B. M.

Phalæna-N. Dominula, *Linn. S. Nat.* ii. 834, 1767.
Hypercompa Dominula, *Step. H.* ii. 67, 1828.
Heraclia Dominula, *West. & H. M.* i. 96, t. 19, f. 16, 17, 1842.
Bombyx Domina, *Hüb. Bo.* t. 27, f. 117, 118, 1800?
Var. *a*. Hypercompa, melanæa,* *Step. MSS.*
Hypercompa Dominula, var., *Bree.—Loud. M. N. H.* vi. 541, f. 72, 1833.
Bombyx Domina, var., *Hüb. Bo.* t. 52, f. 223, 1812?

79. DIACRISIA.

Diacrisia, *Hüb. V.* 169, 1816.
Euthemonia, *Step. H.* ii. 55, 1828.

1. Diacrisia Russula. The Clouded Buff. B. M.

Phalæna-B. Russula, *Linn. S. Nat.* i. 510, 1758.
Eyprepia Russula, *Cur. B. E.* i. t. 21, 1824.
Euthemonia Russula, *Step. H.* ii. 68, 1828.
♂. Phalæna-B. Sannio, *Linn. S. Nat.* i. 506, 1758.

80. ARCTIA.

Arctia, *Schr. F. B.* ii. 2, 152, 1802.
Eyprepia, *Auct. Germ.*
Chelonia, *Auct. Gall.*

a. Zoote.

Zoote, *Hüb. V.* 181, 1816.

1. Arctia Caja. The Garden Tyger. B. M.

Phalæna-B. Caja, *Linn. S. Nat.* i. 500, 1758.
Arctia Caja, *Step. H.* ii. 69, 1828. *West. & H. M.* i. 94, t. 19, f. 5—8, 1842.
Phalæna-B. erinacea, *Retz. G.* 36, 1783.
Var. *a.* Arctia Caja, var. *West. & H. l. c.* f. 7.
Var. *b.* Arctia semicoccinea, *Step. MSS.*
Var. *c.* Caja, var., *West. & H. l. c.* f. 7.
Var. *d.** *Engram. Pap. d'Eur.* iv. t. 139, f. 187, *d.*
Var. *e.* *Engram. Pap. d'Eur.* iv. t. 141, f. 187, *y.*

b. Epicallia.

Epicallia, *Hüb. V.* 182, 1816.

2. Arctia Villica. The Cream-spot Tyger. B. M.

Phalæna-B. Villica, *Linn. S. Nat.* i. 501, 1758.
Arctia Villica, *Step. H.* ii. 71, 1828. *West. & H. M.* i. 95, t. 19, f. 9, 10, 1842.
Var. *a.* Arctia configer, *Step. MSS.*
Engram. Pap. d'Eur. v. t. 151, f. 196, *o.*
Var. *b.* Arctia Hebe,* *Step. MSS.*
Aber.* *Engram. Pap. d'Eur.* iv. t. 140, f. 187, *l.*

81. PARASEMIA.

Parasemia, *Hüb. V.* 181, 1816.
Nemeophila, *Step. H.* ii. 55, 1828.

1. PARASEMIA PLANTAGINIS. The Wood Tyger. B. M.

Phalæna-B. Plantaginis, *Linn. S. Nat.* i. 501, 1758.
Nemeophila Plantaginis, *Step. H.* ii. 73, 1828. *West. & H. M.* i. 96, t. 19, f. 14, 15, 1842.
Var. *a.* Bombyx hospita, *Schiff.* (*W. V.* 310, 1776).
Engram. Pap. d'Eur. iv. t. 147, f. 192, *a*, *b*.
Var. *b.* Phalæna Alpicola, *Scop. C.* No. 507, 1763.
Engram. Pap. d'Eur. iv. t. 147, f. 192, *d*.

82. PHRAGMATOBIA.

Phragmatobia, *Step. H.* ii. 55, 1828.
Arctia, *Hüb. V.* 183, 1816.

1. PHRAGMATOBIA FULIGINOSA. The Ruby Tyger. B. M.

Phalæna-B. fuliginosa, *Linn. S. Nat.* i. 509, 1758.
Phragmatobia fuliginosa, *Step. H.* ii. 71, 1828. *West. & H. M.* i. 93, t. 19, f. 1, 2, 1842.

83. SPILOSOMA.

Spilosoma, *Step.—Cur. l. c. infra.*
Estigmene, p., *Hüb. V.* 184, 1816.

1. SPILOSOMA MENTHASTRI. The Large Ermine. B. M.

Bombyx Menthastri, *Schiff.* (*W. V.* 54, 1776).
Spilosoma Menthastri, *Step. H.* ii. 75, 1828. *West. & H. M.* i. 91, t. 18, f. 12—14, 1842.
Phalæna-B. lubricepeda, ♀, *Linn. S. Nat.* ii. 829, 1767.
Phalæna Erminea, *Marsh.—Linn. T.* i. 70, t. 1, f. 1, 1791.
Var. *a.* Spilosoma Menthastri, var. *Step. H.* ii. 75, t. 16, f. 3, 1828.
Var. *b.* Spilosoma Walkeri,* *Cur. B. E.* ii. t. 92, 1825.

2. SPILOSOMA PAPYRATIA. The Water Ermine. B. M.

Phalæna Papyratia, *Marsh.—Linn. Tr.* i. 72, t. 1, f. 4, 1791.

Spilosoma Papyratia, *Step. H.* ii. 76, 1828.
Bombyx Menthastri, var. *Bork.—Rhein. M.* i. 343, 1793.
Var. *a.* Bombyx Urticæ, *Esp. S.* iii. *Sup.* 20, t. 83, f. 2, 1794.
Spilosoma Urticæ, *Step. H.* ii. 76, 1828.

3. SPILOSOMA LUBRICEPEDA. The Spotted Buff. B. M.
Phalæna-B. lubricepeda, *Linn. S. Nat.* i. 505, 1758.
Spilosoma lubricepeda, *Step. H.* ii. 79, 1828. *West. & H. M.* i. 92, t. 18, f. 17—19, 1842.
Phalæna Lepus, *Retz. G.* 37, 1783.
Var. *a.* Bombyx radiatus, *Haw.—Ent. Tr.* i. 336, 1812. *West. & H. M. l. c.* f. 19.
Var. *b.* Bombyx Luxeri,* *Goda. L. F.* iv. 360, t. 37, f. 4, 1822.

84. CYCNIA.

Cycnia, *Hüb. V.* 184, 1816.
Diaphora, *Step. H.* ii. 55, 1828.

1. CYCNIA MENDICA. The Spotted Muslin. B. M.
Phalæna-B. mendica, *Linn. F.* ii. No. 1127, 1761.
Diaphora mendica, *Step. H.* ii. 78, 1828.
Cycnia mendica, *West. & H. M.* i. 92, t. 18, f. 20—22, 1842.
♀. Diaphora mendica,* *Wing.—Tr. Ent. Soc.* v. 120, t. 14, f. 5, 1849.

Sub-F. III. PSYCHIDI.

Psychidi, *Step. MSS.*
Psychidæ, *Bois. I. M.* 44, 1829.

85. STERRHOPTERIX.

Sterrhopterix, *Hüb.* ? *V.* 399, 1816.
Penthophera, *Cur. B. E.* v. *fo.* 213, 1828.
Pachythelia, *West.* (*Ent. Tr.* v. *Pr.* xlii. 1849).

1. STERRHOPTERIX NIGRICANS. The Large Chimney Sweep.
Penthophera nigricans, *Cur. B. E.* v. t. 213, 1828. *Step. H.* ii. 79, 1828.
Psyche Febretta, *Fonsc.* ? — *Ann. Ent. S. Fr.* iv. 107, t. 1, f. 8—10, 1835.

2. STERRHOPTERIX HYALINELLA. The Transparent Chimney Sweep.
Sterrhopterix hyalinella, *Step. MSS.*

86. PSYCHE.

Psyche, *Schr. F. B.* ii. 1, 156, 1801.
Leptopterix, *Hüb.* ? *V.* 399, 1816.
Saccophora, *Sodoff.—Bull. S. I. Mosc.* 12, 1837.

1. PSYCHE FUSCA. The Brown Muslin. B. M.
Nudaria fusca, *Haw. L. B.* 157, 1810, 3.
Psyche fusca, *Step. H.* ii. 80; t. 18, f. 3, ♂, f. 4, ♀, 1829. *West. & H. M.* i. 83, t. 16, f. 16, 17, 26—28, 1842.
Psyche calvella, *Och. E. S.* iii. 172, 1810, 8.
Tinea hirsutella, *Hüb. Ti.* t. 1, f. 3, 1796.

87. FUMEA.

Fumea, *Haw.* (*Ent. Tr.* i. 340, 1813).
Fumaria, *Haw. L. B.* 373, 1812.
Epichnopterix, *Hüb. V.* 399, 1816.

1. FUMEA RADIELLA. The Chimney Sweeper's Boy. B. M.
Fumea radiella, *Cur. B. E.* vii. t. 332, 1830.
Fumaria plumistrea, *Haw. L. B.* 474, 1812.
Fumea muscella, *Step. H.* ii. 82, 1829.
Var. *a.* Fumaria muscea, *Haw. L. B.* 473, 1812.
Tinea lucidella, *Haw.* (*Pr.* 34, 1802).
Fumea pulla, *Step. H.* ii. 82, 1829.
Var. *b.* Fumaria pectinea, *Haw. L. B.* 473, 1812. *Step. H.* ii. 83, 1829.
Var. *c.* Fumea Bombycella ? *Step. H.* ii. 83, 1829.

2. FUMEA NITIDELLA. The Shining Chimney Sweep. B. M.
Tinea nitidella, *Hüb. T.* t. 1, f. 6. 1796.
Fumea nitidella, *Step. H.* ii. 82, 1829.
Phalæna nana, *Bork.* ? *E. S.* iii. 283, 1790.
Psyche Carpini *Schr. F. B.* ii. 2, 90, 1802.

3. FUMEA RETICELLA. The Netted Chimney Sweep.

Psyche retiella, *Newm.*—(*Zool.* v. 1863, 1847).
Psyche reticella, *Newm.*—*Zool.* vii. *App.* xciv. 1850.

88. NUDARIA.

Nudaria, *Haw. L. B.* 156, 1810.
Paidea, *Hüb. V.* 158, 1816.

1. NUDARIA MUNDANA. The Muslin. B. M.

Phalæna-A. mundana, *Linn. S. Nat.* ii. 812, 1767.
Nudaria mundana, *Step. H.* ii. 84, 1829. *Cur. B. E.* ix. t. 400, 1832.
Bombyx nuda, *Hüb. Bo.* t. 17, f. 63, 64, 1799?
Var. *a.* Bombyx Hemerobia, *Hüb. Bo.* t. 17, f. 65, 1799?
Nudaria Hemerobia, *Step. H.* ii. 84, 1829. *Wood, I. E.* t. 17, f. 87.

2. NUDARIA SENEX. The Round-winged Muslin. B. M.

Bombyx senex, *Hüb. Bo.* t. 55, f. 236, 237, 1812?
Nudaria senex, *Step. H.* ii. 84, t. 18, f. 2, 1829. *Wood, I. E.* t. 7, f. 88.
Nudaria rotunda, *Haw. L. B.* 156, 1810.

Sub-F. IV. LIMACODIDI.

Limacodidi, *Step. MSS.*
Limacodidæ, *Dup. C.* 84, 1846.
Chelonias, *Hüb. V.* 397, 1816.

89. HETEROGENEA.

Heterogenea, *Knoch. B.* iii. 60, 1783.

1. HETEROGENEA ASELLUS. The Triangle.

Bombyx Asella, *Schiff.* (*W. V.* 65, 1776). *Step. H.* ii. 85, t. 17, f. 2, 1829.
Heterogenea cruciata, *Knoch, B.* iii. 63, 1783.

90. LIMACODES.

Limacodes, *Lat. F. N.* 474, 1825.
Apoda (Genus Avium), *Haw. L. B.* 137, 1810.

1. LIMACODES TESTUDO. The Festoon. B. M.

Bombyx Testudo, *Schiff.* (*W. V.* 65, 1776). *Step. H.* ii. 86, 1829. *West. & H. M.* i. 81, t. 16, f. 5—7, 29, 1842.
Bombyx Limacodes, *Esp. S.* iii. 140, t. 26, f. 3—9, 1782.
Phalæna Limax, *Bork. E. S.* iii. 449, 1790.
Phalæna funalis, *Don. B. I.* iii. 9, t. 76, 1795.
Tortrix Testudinana, *Hüb. To.* t. 26, f. 164, 165, 1799?
♂. Bombyx Bufo, *Fab. M.* ii. 121, 1787.
Bombyx Asella, *Esp. S.* iii. *Sup.* 36, t. 85, f. 4, 1794?
♀. Bombyx sulphurea, *Fab. G. M.* 279, 1777.
Bombyx Testudo, *Fab. M.* ii. 121, 1787.

Sub-Div. II. LEPIDOPTERA NOCTURNA.

Lepidoptera Nocturna, *Step. H.* ii. 86, 1829.

Fam. I. LITHOSIIDÆ.

Lithosiidæ, *Step. H.* ii. 88, 1829.

91. CALLIMORPHA.

Callimorpha, *Lat. G.* iv. 220, 1809.
Tyria, *Hüb. V.* 166, 1816.
Euchelia, t., *Bois.* (*I. M.* 39, 1829).

1. CALLIMORPHA JACOBÆÆ. The Cinnabar Moth. B. M.
Phalæna-N. Jacobææ, *Linn. S. Nat.* i. 511, 1758.
Callimorpha Jacobææ, *Step. H.* ii. 90, 1829. *Cur. B. E.* xi. t. 499, 1834.
Var. *a.* Callimorpha semiflava,* *Step. MSS.*
Engram. Pap. d'Eur. vi. t. 232, f. 312, *d.*

92. MILTOCHRISTA.

Miltochrista, *Hüb. V.* 166, 1816.
Callimorpha, p., *Step. H.* ii. 90, 1829.
Calligenia, *Dup. C.* 59, 1846.

1. MILTOCHRISTA MINIATA. The Red Arches. B. M.
Phalæna miniata, *Forst. C.* 75, 1771.
Callimorpha miniata, *Step. H.* ii. 90, 1829. *Wood, I. E.* t. 8, f. 92, 1836.
Bombyx rosea, *Fab. S. E.* 587, 1775.
Noctua rubicunda, *Schiff.* (*W. V.* 68, 1776).

93. EULEPIA.

Eulepia, *Cur. B. E.* ii. 56, 1825.
Callopis, *Billb.* (*Cat.* 1820).
Emydia, *Bois.* (*I. M.* 39, 1829).

a. SPIRIS.

Spiris, *Hüb. V.* 169, 1816.

1. EULEPIA GRAMMICA. The Feathered Footman. B. M.

Phalæna-B. grammica, *Linn. F.* ii. No. 1134, 1761.
Eulepia grammica, *Step. H.* ii. 91, t. 17, f. 3, ♂. *West. & H. M.* i. 100, t. 20, f. 3, 4, 1842.
Var. *a.* Phalæna striata, *Bork. E. S.* iii. 471, 1790.
Var. *b.* Phalæna-B. melanoptera,* *Brahm. I. K.* ii. 435, 1790.

b. COSCINIA.

Coscinia, p., *Hüb. V.* 169, 1816.

2. EULEPIA CRIBRUM. The Speckled Footman. B. M.

Phalæna-B. cribrum, *Linn. F.* ii. No. 1136, 1761.
Eulepia cribrum, *Cur. B. E.* ii. t. 56, 1825. *Step. H.* ii. 92, 1829.

94. DEIOPEIA.

Deiopeia, *Step.*—*Cur. B. E.* iv. f. 169, 1827.
Utetheisa, p., *Hüb. V.* 168, 1816.
Euchelia, p., *Bois.* (*I. M.* 39, 1829).

1. DEIOPEIA PULCHELLA. The Crimson Speckled Footman.

Phalæna-N. pulchella, *Linn. S. Nat.* i. 524, 1758.
Deiopeia pulchella, *Cur. B. E.* iv. t. 169, 1827. *Step. H.* ii. 93, 1829.
Noctua pulchra, *Schiff.* (*W. V.* 68, 1776).
Noctua Lotrix, *Cram. K.* ii. t. 109, f. *E. F.* 1780?

95. LITHOSIA.

Lithosia, *Fab. E. S. Sp.* 459, 1798.
Lichenea, *Sodoff.*—*Bull. S. I. Mosc.* 12, 1837.
Setina, p., *Schr. F. B.* ii. 2, 165, 1802.

a. Systropha.

Systropha, *Hüb. V.* 166, 1816.

1. Lithosia aureola. The Orange Footman. B. M.

Bombyx aureola, *Hüb. Bo.* t. 24, f. 98, 1800?
Lithosia aureola, *Step. II.* ii. 94, t. 18, f. 1, 1828.
Bombyx unita, *Esp.? S.* iv. 100, t. 93, *Noct.* 14, f. 6, 7, 1787.
Noctua aurantina, *Haw.* (*Pr.* 13, 1802).
Lithosia aurantia, *Haw. L. B.* 147, 1810.

b. Pelosia.

Pelosia, *Hüb. V.* 165, 1816.

2. Lithosia helvola. The Buff Footman. B. M.

Bombyx helvola, *Hüb. Bo.* t. 23, f. 95, 1799?
Lithosia helvola, *Step. II.* ii. 94, 1829. *West. & H. M.* i. 102, t. 20, f. 15, 1842.
Lithosia helveola, *Och. E. S.* iii. 133, 1810.
♂. Bombyx deplana, *Esp. S.* iv. 97, t. 93, *Noct.* 14, f. 1, 2, 1787.
♀. Bombyx complana, *Esp.? S.* iv. 95, t. 92, *Noct.* 13, f. 7, 8, 1787.

3. Lithosia flava. The Straw-coloured Footman. B. M.

Lithosia flava, *Fab.? E. S. Sp.* 461, 1798. *Step. II.* ii. 95, 1829. *West. & H. M.* i. 101, t. 20, f. 6, 1842.
Lithosia stramineola, *Doub.—Zool.* v. 1914, 1847.
Var. *a.* Lithosia gilveola, *Step. II.* ii. 95, 1829. *West. & H. M.* i. 101, t. 20, f. 11, 1842.

4. Lithosia complana. The Scarce Footman.

Lithosia complana *Linn. S. Nat.* i. 512, 1758.
Bombyx plumbeola, *Hüb. Bo.* t. 24, f. 100, 1800?
Lithosia depressa, *Step. II.* ii. 96, 1829. *West. & H. M.* i. 101, t. 20, f. 14, 1842.

5. LITHOSIA LURIDEOLA. The Common Footman. B. M.

Lithosia lurideola, *Treit.* ?—*Allg. L.* No. 217, 68, 1817.
Lithosia complanata, *Bois.* (*I. M.* 2 ed. 58, 1840).
Lithosia complana, *Haw. L. B.* 147, 1810. *Step. H.* ii. 95, 1829. *West. & H. M.* i. 101, t. 20, f. 12, 13, 1842.

6. LITHOSIA GRISEOLA. The Dun Footman. B. M.

Bombyx griseola, *Hüb. Bo.* t. 23, f. 97, 1799? *Step. H.* ii. 96, 1828. *West. & H. M.* i. 101, t. 20, f. 10, 1842.
Noctua luteolina; *Haw.* (*Pr. App.* 3, 1802).
Var. *a.* Lithosia plumbeolata, *Step. H.* ii. 96, 1829. *West. & H. M.* i. 101, t. 20, f. 7, 1842.

c. EILEMA.

Eilema, *Hüb. V.* 165, 1816.

7. LITHOSIA LUTEOLA. The Small Footman.

Bombyx luteola, *Schiff.* (*W. V.* 68, 1776). *Hüb. Bo. t.* 23, f. 92, 1799?
Noctua lutosa, *Esp. S.* iv. 100, t. 93, *Noct.* 14, f. 8, 9, 1787.
Var. *a.* Lithosia pygmæola, *Doub.—Zool.* v. 1914, 1847.

8. LITHOSIA MUSCERDA. The Spotted Footman. B. M.

Phalæna-N. muscerda, *Hüfn.*—(*Berl. M.* iii. 400, 1780?)
Lithosia muscerda, *Cur. B. E.* i. t. 36, 1824. *Step. H.* ii. 97, 1829.
Tinea perlella, *Fab. M.* ii. 241, 1787.
Bombyx pudorina, *Esp. S.* iv., *Sup.* 67, t. 196, f. 4, 6, 1794.
Bombyx cinerina, *Esp. S.* iv., *Sup.* 67, 1794.

96. ŒNISTIS.

Œnistis, *Hüb. V.* 165, 1816.

1. ŒNISTIS QUADRA. The Large Footman. B. M.

Phalæna-N. quadra, *Linn. S. Nat.* i. 511, 1758.
Lithosia quadra, *Step. H.* ii. 97, 1829.
Œnistis quadra, *West. & H. M.* i. 102, t. 20, f. 17—19, 1842.
♂. Phalæna-N. deplana, *Linn. M.* i. 537, 1771.
Var. *a. Engram. Pap. d'Eur.* vi. t. ccxxii. f. 298, *e*, *k*. 1789.

97. ATOLMIS.

Atolmis, *Hüb. V.* 164, 1816.
Gnophria, *Step. H.* ii. 98, 1829.

1. ATOLMIS RUBRICOLLIS. The Red-necked Footman. B. M.
Phalæna-N. rubricollis, *Linn. S. Nat.* i. 511, 1758.
Gnophria rubricollis, *Step. H.* ii. 98, 1829.
Atolmis rubricollis, *West. & H. M.* i. 103, t. 20, f. 20, 21, 1842.

98. CYBOSIA.

Cybosia, *Hüb. V.* 167, 1816.
Setina, p., *Step. H.* ii. 98, 1829.

1. CYBOSIA MESOMELLA. The Four-spot Footman. B. M.
Phalæna-Ti. mesomella, *Linn. S. Nat.* i. 535, 1758.
Setina mesomella, *Step. H.* ii. 100, 1829.
Cybosia mesomella, *West. & H. M.* i. 104, t. 20, f. 25, 1842.
Noctua eborina, *Schiff.* (*W. V.* 68, 1776).
Var. *a.* Lithosia lutarella, *Haw.? L. B.* 148, 1810.
Bombyx eborina, *Hüb. Bo.* t. 63, f. 266.

99. ENDROSA.

Endrosa, *Hüb. V.* 167, 1816.
Philea, *Dalm.—Act. Holm.* 1823.
Setina, p., *Step. H.* ii. 98, 1829.

1. ENDROSA IRRORELLA. The Dew Moth. B. M.
Phalæna-Ti. irrorella, *Linn. S. Nat.* i. 535, 1758.
Setina irrorella, *Step. H.* ii. 99, t. 17, f. 1, 1829.
Var. *a.* Setina roscida, *Step. H.* ii. 100, 1829.
Var. *b.* Noctua signata,* *Bork. E. S.* iii. 258, 1790. *West. & H. M.* i. 104, t. 20, f. 24, 1842.
Var. *c.* Lithosia binumerica,* *Drapiez.?—Bull. S. Nat.* 1829?

Fam. II. NOCTUIDÆ.

Noctuidæ, *Step. II.* ii. 100, 1829.

Sub-F. I. NOCTUELIDI.

Noctuelidi, *Guén.—Ann. E. S. Fr.* vi. 347, 1837.

100. TRIPHÆNA.

Triphæna, *Och.* (*S.* iv. 69, 1816, 3). *Tr.* v. 1, 252, 1825.
Xanthoptera, *Sodoff.—Bull. S. I. Mosc*, 13, 1837.

a. TRIPHÆNA.

Triphæna, *Och.* (*ut supra*).

1. TRIPHÆNA ORBONA. The Lesser Yellow Underwing. B. M.

Noctua orbona, *Fab. M.* ii. 150, 1787.
Triphæna orbona, *Step. II.* ii. 102, 1829. *West. & H. M.* i. 108, t. 21, f. 1, 1842.
Noctua subsequa, *Esp. S.* iv. (149), t. 104, *Noct.* 25, f. 1—3, 1787—88.
Phalæna-N. Pronuba-minor, *Vill. E.* ii. 279, 1789.
Noctua Comes, *Hüb. No.* t. 111, f. 521, 1812?
Aber.? Triphæna consequa, *Cur. B. E.* viii. t. 348, 1831.
Triphæna Curtisii, *Newm.—Zool.* ii. 399, 1844, 1.

2. TRIPHÆNA SUBSEQUA.* The Lunar Yellow Underwing. B. M.

Noctua subsequa, *Schiff.* (*W. V.* 79, 1766).
Triphæna subsequa, *Step. II.* ii. 103, 1829.
Var. *a*. Noctua consequa, *Hüb. No.* t. 23, f. 105, 1798.

3. TRIPHÆNA PRONUBA. The Large Yellow Underwing. B. M.

Phalæna-N. Pronuba, *Linn. S. Nat.* i. 512, 1758.
Triphæna Pronuba, *Step. II.* ii. 103, 1829. *West. & H. M.* i. 108, t. 21, f. 1—3, 1842.
Var. *a*. Triphæna innuba, *Treit. S.* v. 1, 265, 1825. *Step. II.* ii. 104, 1829. *West. & H. M. l. c.* f. 1.
Var. *b*. *Engram. Pap. d'Eur.* vii. t. cclxxi. f. 434, *i*, 1791, albino.

4. TRIPHÆNA INTERJECTA. The Least Yellow Underwing. B. M.

Noctua interjecta, *Hüb. No.* t. 23, f. 107, 1798 ?
Triphæna interjecta, *Step. H.* ii. 105, 1829. *West. & H. M.* i. 109, t. 21, f. 8, 1842.

b. LAMPRA.

Lampra, *Hüb. V.* 221, 1816.

B. M.

5. TRIPHÆNA FIMBRIA. The Broad-bordered Yellow Underwing.

Phalæna-N. fimbria, *Linn. S. Nat.* ii. 842, 1767.
Triphæna fimbria, *Step. H.* ii. 104, 1829. *West. & H. M.* i. 108, t. 21, f. 6, 7, 1842.
Phalæna-N. Domiduca, *Hüfn.*—(*Berl. M.* iii. 404, 1769).
Noctua Solani, *Fab. M.* i. 150, 1787.

c. EUSCHESIS.

Euschesis, *Hüb. V.* 221, 1816.

6. TRIPHÆNA JANTHINA. The Lesser Broad-border. B. M.

Noctua Janthina, *Schiff.* (*W. V.* 78, 1776).
Triphæna Janthina, *Step. H.* ii. 106, 1829. *West. & H. M.* i. 109, t. 21, f. 9, 1842.
Noctua Domiduca, *Knoch, B.* ii. 63, 1782.
Phalæna-N. Fimbria-minor, *Vill. E.* ii. 278, 1789.
Phalæna-N. Janthe, *Bork. E. S.* iv. 109, 1792.

101. THALPOPHILA.

Thalpophila, *Hüb. V.* 208, 1816.
Cerigo, *Step.* (*Cat.* ii. 63, 1829). *Id. H.* ii. 106, 1829.

1. THALPOPHILA TEXTA. The Straw Underwing. B. M.

Phalæna-N. texta, *Lang. V.* 133, 1786. *Esp. S.* iv. (185), t. 108, *Noct.* 29, f. 1, 2, 1787—89.
Cerigo texta, *Step. H.* ii. 107, 1829.

Phalæna-N. matura, *Hüfn.*—(*Berl. M.* iii. 414, 1769).
Noctua Cytherea, *Fab. E. S.* iii. 2, 57, 1794.
Cerigo Cytherea, *West. & H. M.* i. 109, t. 21, f. 10, 1842.
Noctua connexa, *Hüb. No.* t. 23, f. 109, 1798, t. 118, f. 548, 1811.
♀. Noctua prospicua, *Haw. L. B.* 161, 1810.

102. SEGETIA.

Segetia, *Step.* (*Cat.* ii. 74, 1829). *Id. H.* ii. 153, 1829.
Sideridis, p., *Hüb. V.* 232, 1816.

1. SEGETIA XANTHOGRAPHA. The Square-spot Rustic. B. M.

Noctua xanthographa, *Schiff.* (*W. V.* 83, 1776).
Segetia xanthographa, *Step. H.* ii. 153, 1829. *West. & H. M.* i. 143, t. 29, f. 9, 1842.
Noctua tetragona, *Haw. L. B.* 161, 1810.
Aber. Segetia xanthographa,* var., *Doug.*—*Ent. Tr.* v. 99, t. 14, f. 1, 1849.

103. RUSINA.

Rusina, *Step.* (*Cat.* ii. 64, 1829). *Id. H.* ii. 111, 1829.
Scotia, p., *Hüb. V.* 226, 1816.

1. RUSINA FERRUGINEA. The Brown Feathered Rustic. B. M.

Bombyx ferruginea, *Esp. S.* iii. 246, t. 47, f. 5, ♂, 6, ♀, 1784.
Rusina ferruginea, *Step. H.* ii. 112, 1829. *West. & H. M.* i. 113, t. 22, f. 9, 1842.
Noctua tenebrosa, *Hüb. No.* t. 33, f. 158, 1799?
♂. Bombyx phæus, *Haw.* (*Pr.* 11, 1802). *Id. L. B.* 133, 1803.
♀. Noctua obsoletissima, *Haw. L. B.* 207, 1803.

104. LYTÆA.

Lytæa, *Step.* (*Cat.* ii. 64, 1829). *Id. H.* ii. 107, 1829.
Scotia, p., *Hüb. V.* 226, 1816.

a. Scotia.

Scotia, *Hüb.* (*ut supra*).

1. Lytæa umbrosa. The Six-striped Rustic. B. M.

Noctua umbrosa, *Hüb. No.* t. 97, f. 456, 457, 1809.
Lytæa umbrosa, *Step. H.* ii. 108, 1829. *West. & H. M.* i. 110, t. 22, f. 1, 1842.
Noctua radicea, var. *Esp. S.* iv. (453), t. 143, *Noct.* 64, f. 3, 1788—96.
Noctua 6-strigata, *Haw. L. B.* 228, 1810.

b. Lycophotia.

Lycophotia, p., *Hüb. V.* 215, 1816.

2. Lytæa Agathina. The Marsh Rustic.

Chersotis Agathina, *Bois.—Dup. L. F.* vii. 359, t. 122, f. 2, 1827.
Lytæa albimacula, *Step. H.* ii. 137, t. 19, f. 3, 1829.
Noctua Lydia? *Bois.* (*I. M.* 63, 1829).
Var. *a.* Lytæa leucographa, *Step. H.* ii. 199, 1829. *Wood, I. E.* t. 8, f. 119.

105. CERAPTERYX.

Cerapteryx, *Cur. B. E.* x. *fo.* 451, 1833.
Lycophotia, p., *Hüb. V.* 215, 1816.
Charæas, p., *Step. H.* ii. 109, 1829.
Heliophobus, *Guén.—Ann. E. S. Fr.* vii. 350, 1837.

1. Cerapteryx Graminis. The Antler. B. M.

Phalæna-N. Graminis, *Linn. S. Nat.* i. 506, 1758. *Don. B. I.* xii. 53, t. 458, 1808.
Charæas Graminis, *Step. H.* ii. 111, 1829.
Bombyx tricuspis, *Esp. S.* iii. 348, t. 68, f. 2, 3, 1785.
♀. Cerapteryx hibernica, *Cur. B. E.* x. 451, 1833.
Var. *a.* Episema albineura, *Bois. Ic.* t. 74, f. 4, ♂, 1835.

106. CHARÆAS.

Charæas, *Step.* (*Cat.* ii. 64, 1829). *Id. H.* ii. 108, 1829.

a. THOLERA.

Tholera, p., *Hüb. V.* 214, 1816.
Hadena A. & B., *Guén.—Ann. E. S. Fr.* vii. 215, 1838.

1. CHARÆAS CESPITIS. The Hedge Rustic. B. M.

Noctua cespitis, *Schiff.* (*W. V.* 82, 1776).
Charæas cespitis, *Step. H.* ii. 109, 1829. *West. & H. M.* i. 111, t. 22, f. 4, 5, 1842.
Noctua Hordei, *Schr. F. B.* ii. 1, 351, 1801.
Var. *a.* Agrotis autumnalis, *Cur.?* (*B. E. fo.* 165, 1827).
Var. *b.* Charæas confinis, *Step. H.* ii. 109, 1829.

b. BRITHYS.

Brithys, p., *Hüb. V.* 226, 1816.
Epunda, p., *Dup. C.* 141, 1816.

2. CHARÆAS LUTULENTA. The Barred Feathered Rustic.

Noctua lutulenta, *Schiff.* (*W. V.* 81, 1776).
Noctua fusca, *Haw. L. B.* 119, 1803.
Charæas fusca, *Step. H.* ii. 109, 1829. *West. & H. M.* i. 112, t. 22, f. 6, 1842.
Var. *a.* Charæas consimilis, *Step. H.* ii. 40, 110, 1829.
Var. *b.* Charæas orthostigma, *Step. l. c.* 1829.

3. CHARÆAS ÆTHIOPS. The Black Rustic. B. M.

Noctua Æthiops, *Och.* (*S.* iv. 67, 1816).
Noctua nigricans, *Hüb. No.* t. 116, f. 709, 1826.
Agrotis albicolon, *Cur.?* (*B. E.* iv. *fo.* 165, 1827).
Charæas nigra, *Step. H.* ii. 110, 1829. *West. & H. M.* i. 112, t. 22, f. 7? 1842.

107. AGROTIS.

Agrotis, *Och.* (*S.* iv. 66, 1816, 3). *Tr.* v. 1, 125, 1825.
Agrotes, *Hüb. V.* 225, 1816, 9.

a. GEORYX.

Georyx, *Hüb. V.* 227, 1816.

1. AGROTIS SEGETUM. The Common Dart. B. M

Noctua Segetum, *Schiff.* (*W. V.* 252, 1776).
Agrotis Segetum, *Step. II.* ii. 115, 1829. *West. & H. M.* i. 116, t. 23, f. 3—5, 1842.
Noctua Segetis, *Fab. E. S.* iii. 6, 61, 1793.
Var. *a.* Bombyx caliginosa, *Esp. S.* iii. 323, t. 54, f. 3, 1785.
Var. *b.* Bombyx fuscosa, *Esp. S.* iii. 321, t. 54, f. 4, 1785.
Var. *c.* Bombyx catænatus, *Haw. L. B.* 114, 1803.
Var. *d.* Bombyx pectinatus, *Haw. L. B.* 115, 1803.
Var. *e.* Bombyx monileus, *Haw. L. B.* 115, 1803.
Var. *f.* Bombyx spinulus, *Haw. L. B.* 115, 1803.
Var. *g.* Bombyx connexus, *Haw. L. B.* 116, 1803.
Var. *h.* Bombyx corticeus, *Haw. L. B.* 116, 1803.
Var. *i.* Bombyx venosus, *Haw. L. B.* 116, 1803.
Var. *k.* Bombyx subatratus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 116, 1803.
Var. *l.* Bombyx nigricornutus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 117, 1803.
Var. *m.* Noctua fasciola, *Haw. MSS.*
Var. *n.* Agrotis affinis, *Step. MSS., olim.*
*Aber.? Agrotis monostigma, *Cur.?* (*B. E.* iv. *fo.* 165, 1827).

2.* AGROTIS CORTICEA. The Heart and Club. B. M.

Noctua corticea, *Hüb. No.* t. 30, f. 145, 1799?
Agrotis corticea, *Step. II.* ii. 114, 1829. *West. & H. M.* i. 115, t. 23, f. 6, 1842.
Bombyx exclamationis? *Esp. S.* iii. 321, t. 64, f. 1, 1785.
Bombyx clavigerus, *Haw. L. B.* 114, 1803.
♀. Noctua sordida, *Hüb. No.* t. 32, f. 154, 1799?
Bombyx subfuscus, *Haw. L. B.* 114, 1803.

b. Agronoma.

Agronoma, p., *Hüb. V.* 227, 1816.

3. Agrotis valligera. The Archer's Dart. B. M.

Noctua valligera, *Schiff.* (*W. V.* 80, 1776).
Agrotis valligera, *Step. II.* ii. 118, 1829. *West. & H. M.* i. 117, t. 23, f. 11, 1842.
Bombyx clavis, *Esp. S.* iii. 319, t. 63, f. 5, 1785.
Phalæna-N. clavifera, *Vill. E.* ii. 174, 1789.
Bombyx sagittiferus, *Haw. L. B.* 118, 1803.
Var. *a.* Bombyx trigonalis, *Esp. S.* iii. 382, t. 75, f. 6, 1785.
Var. *b.* Noctua hibernica, *Haw. MSS., var.*

c. Ogygia.

Ogygia, p.? *Hüb. V.* 225, 1816.

4. Agrotis lunigera.* The Crescent Dart.

Agrotis lunigera, *Step. II.* ii. 113, t. 20, f. 3, 1829, 4.

d. Peridroma.

Peridroma, *Hüb. V.* 227, 1816.

5. Agrotis suffusa. The Dark Sword Grass. B. M.

Noctua suffusa, *Schiff.* (*W. V.* 80, 1776).
Agrotis suffusa, *Step. II.* ii. 116, 1829. *West. & H. M.* i. 116, t. 23, f. 2, 1842.
Phalæna-N. Upsilon, *Hüfn.*—(*Berl. M.* iii. 416, 1769).
Bombyx spinula, *Esp. S.* iii. 320, t. 63, f. 6, 7, 1785.
Bombyx stigmaticus, *Haw.* (*Pr.* 9, 1802).
Var. *a.* Phalæna-N. spinifera, *Vill. E.* ii. 174, 1789.

6. Agrotis saucia. The Pearly Underwing. B. M.

Noctua saucia, *Hüb. No.* t. 81, f. 378, 1804?
Agrotis saucia, *West. & H. M.* i. 115, t. 23, f. 1, 1842.
Phalæna-N. polygona, *Bork.? E. S.* iv. 520, 1792.
Noctua majuscula, *Haw. L. B.* 218, 1810.
Noctua æqua, *Hüb. No.* t. 171, f. 811, 812, 1835.
Var. *a.* Noctua margaritosa, *Haw. L. B.* 218, 1810.
Noctua æqua, *Hüb. No.* t. 122, f. 564, 1814?
Agrotis æqua, *Step. II.* ii. 126, 1829.

*?7. AGROTIS SUBGOTHICA. The Gothic Dart.

Noctua subgothica, *Haw. L. B.* 224, 1810.
Agrotis subgothica, *Step. H.* ii. 126, t. 22, f. 3, 1829.
Noctua fictilis, *Hüb.? No.* t. 155, f. 710, 1826.

e. METAXYJA.

Metaxyja, *Hüb. V.* 223, 1816.

8. AGROTIS OBELISCA. The Square-spot Dart. B. M.

Noctua obelisca, *Schiff.* (*W. V.* 80, 1776). *Goda. L. F.* v. 214, t. 64, f. 3, ♂, 1824.
♂. Bombyx molothina, *Esp.? S.* iii., *Sp.* 33, t. 85, f. 6, 1807.
♀. Bombyx pupillatus, *Haw. L. B.* 118, 1802.
Agrotis pupillata, *Step. H.* ii. 128, 1829.
Var. *a.* Noctua ruris, *Hüb.-No.* t. 89, f. 416, 1806.

9. AGROTIS AQUILINA. The Streaked Dart. B. M.

Noctua aquilina, *Schiff.* (*W. V.* 80, 1776).
Agrotis aquilina, *Step. H.* ii. 121, 1829. *West. & H. M.* i. 121, t. 24, f. 9, 1842.
Noctua nigrofusca, *Esp. S.* iv. (383), t. 127, *Noct.* 48, f. 6, 1788—95.
Phalæna-N. vitta, *Bork. E. S.* iv. 482, 1792.
Noctua domestica, *Fab. E. S.* iii. 2, 23, 1794.
Var. *a.* Noctua vitta, *Hüb. No.* t. 115, f. 533, 34, 1813. *Step. H.* ii. 120, 1829.
Var. *b.* Agrotis hortorum, *Step. H.* ii. 122, 1829.

10. AGROTIS TRITICI. The White Line Dart. B. M.

Phalæna-N. Tritici, *Linn. F.* ii. No. 1211, 1761.
Agrotis Tritici, *Step. H.* ii. 121, 1829.
Noctua Tritici, *Goda. L. F.* v. 225, t. 65, f. 4, 5, 1824.
♂. Noctua Praticola, *Hüb. No.* t. 123, f. 567, 1814?
Var. *a.* Noctua eruta, *Hüb. No.* t. 136, f. 623, 1816.
Var. *b.* Noctua recussa, *Hüb.? No.* t. 136, f. 630, 1816.
Var. *c.* Noctua lineolata, *Haw. L. B.* 223, 1810.
Var. *d.* Phalæna-N. ignobilis, *Hüfn.*—(*Berl. M.* iii. 306, 1769).
Var. *e.* Noctua albilinea, *Haw. L. B.* 223, 1810.

Var. *f.* Noctua valligera, *Haw. L. B.* 222, 1810.
Agrotis cuneigera, *Step. H.* ii. 123, 1829. *West. & H. M.* i. 120, t. 24, f. 7, 1842.
Var. *g.* Agrotis sagittifera, *Step. H.* ii. 119, 1829.
Var. *h.* Agrotis ocellina, *Step. H.* ii. 122, 1829.

f. Georyx.

Georyx, p., *Hüb. V.* 227, 1816.

11. Agrotis cursoria. The Coast Dart. B. M.

Phalæna-N. cursoria, *Bork. E. S.* iv. 562, 1792.
Agrotis cursoria, *West. & H. M.* i. 123, t. 24, f. 4, 1842.
Noctua mixta, *Fab. E. S.* iii. 2, 36, 1794.
Var. *a.* Noctua concolorina, *Haw.* (*Pr.* 19, 1802).
Noctua concolor, *Haw. L. B.* 243, 1810.
Var. *b.* Agrotis venosa, *Step. H.* ii. 123, 1829.

g. Psammophila.

Psammophila, *Step. MSS.*

12. Agrotis Ripæ. The Sand Dart. B. M.

Noctua Ripæ, *Hüb. No.* t. 151, f. 702, 703, 1824.
Agrotis Baltica (*Andersch.*), *teste Och.* v. 1, 174, 1825.
Var. *a.* Agrotis De Syllii, *Pierret.—Ann. E. S. Fr.* viii. 95, t. 8, f. 2, 1839, 9.
Var. *b.* Agrotis nebulosa, *Step. H.* ii. 127, t. 22, f. 1, 1829, ♀.

h. Brotis.

Brotis, *Hüb. V.* t. 226, f. 1816.

13. Agrotis nigricans. The Garden Dart. B. M.

Phalæna-N. nigricans, *Linn.? F. S.* ii. No. 1128, 1761.
Agrotis nigricans, *Step. H.* ii. 123, 1829. *West. & H. M.* i. 121, t. 24, f. 10, 12, 1842.
Noctua fumosa, *Schiff.* (*W. V.* 81, 1776).
Agrotis fumosa, *Step. H.* ii. 124, 1829.

♂. Noctua carbonea, *Hüb. No.* t. 151, f. 700, 701, 1824.
♀. Noctua fumosa, *Hüb. No.* t. 32, f. 153, 1799?
Var. *a.* Noctua rubricans, *Esp. S.* iv. (395), t. 130, f. 2, 3, 1788—95.
Noctua ruris, *Haw. L. B.* 221, 1810.
Agrotis ruris, *Step. H.* ii. 125, 1829. *Wood, I. E.* t. 9, f. 172, 1836.
Var. *b.* Bombyx chrysostigmatus, *Haw.* (*Pr.* 9, 1802).
Var. *c.* Noctua sordida, *Haw. L. B.* 222, 1810.
Var. *d.* Noctua obeliscata, *Haw. L. B.* 222, 1810.
Agrotis obeliscata, *Step. H.* ii. 124, 1829. *Wood, I. E.* t. 9, f. 146, 1836.
Var. *e.* Noctua dubia, *Haw. L. B.* 222, 1810.
Agrotis dubia, *Wood, I. E.* t. 8, f. 148, 1836.
Var. *f.* Noctua unicolor, *Hüb.? No.* t. 117, f. 544, 1813?
Var. *g.* Noctua fuliginea, *Hüb. No.* t. 131, f. 602, 1816.
Var. *h.* Agrotis Marshallana, *West. & H. M.* i. 122, t. 24, f. 15, 1842.

i. AGRONOMA.

Agronoma, p., *Hüb. V.* 227, 1816.

14. AGROTIS EXCLAMATIONIS. The Heart and Dart. B. M.
Phalæna-N. exclamationis, *Linn. S. Nat.* i. 515, 1758.
Agrotis exclamationis, *Step. H.* ii. 126, 1829. *West. & H. M.* i. 124, f. 13, 14, 1842.
Phalæna Clavus, *Hüfn.*—(*Berl. M.* iii. 298, 1769).
♀. Noctua picea, *Haw. L. B.* 220, 1810.
Aber.? Agrotis plaga, *Step. H.* iv. 388, 1835. *Wood, I. E.* t. 52, f. 1660, 1840.

j. OMIA.

Omia, *Hüb. V.* 244, 1816.

15. AGROTIS PUTA. The Shuttle-shaped Dart. B. M.
Noctua puta, *Hüb. No.* t. 52, f. 255, 1800.
Bombyx radius, *Haw.* (*Pr.* 10, 1802). *Id. L. B.* 119, 1803.
Agrotis radia, *Step. H.* ii. 119, 1829. *West. & H. M.* i. 117, t. 23, f. 12, 1842.
Var. *a.* Noctua lignosa, *Goda. L. F.* v. 241, t. 67, f. 5, 6, 1824.
Var. *b.* Noctua radiola, *Haw. MSS.*
Agrotis radiola, *Step. H.* ii. 119, t. 20, f. 1, 1829.

k. Scotia.

Scotia, p., *Hüb. V.* 226, 1816.

16. Agrotis cinerea. The Light Feathered Rustic. B. M.

Phalæna-N. cinerea, *Bork. E. S.* iv. 547, 1794.
Agrotis cinerea, *Cur. B. E.* iii. t. 165, 1827. *Step. H.* ii. 127, 1829.
Bombyx denticulatus, *Haw.* (*Pr.* 11, 1802). *Id. L. B.* 133, 1803.
Var. ♀. Noctua obscura, *Hüb. No.* t. 104, f. 490, 1811 ? ♀.

108. CŒNOPHILA.

Cœnophila, *Step. MSS.*
Graphiphora, p., *Step.* (*olim.*) *H.* ii. 129.

1. Cœnophila subrosea. The Rosy Marsh Moth. B. M.

Graphiphora subrosea, *Step. H.* ii. 200, t. 19, f. 1, ♂, 1829.
Graphiphora rhomboidea, *Step.* (*olim.*) *H.* ii. 128, 1829.

109. SPÆLOTIS.

Spælotis, *Bois. I. M.* 2 ed. 106, 1840.
Graphiphora, p., *Step. H.* ii. 129, 1829.

a. Rhyacia.

Rhyacia, *Hüb. V.* 209, 1816.

1. Spælotis cataleuca. The Northern Rustic. B. M.

Noctua cataleuca, *Bois.—Ann. E. S. Fr.* ii. 377, t. 14, f. 2, 1833.
Graphiphora renigera, *Step. H.* ii. 129, 1829. *West. & H. M.* i. 126, t. 25, f. 2, 3, 1842.
Phalæna-N. lucernea, *Linn.? F.* ii. No. 1152, 1761.

b. Oggygia.

Oggygia, p., *Hüb. V.* 225, 1816.

2. Spælotis ravida. The Stout Dart. B. M.

Noctua ravida, *Schiff.* (*W. V.* 80, 1776).
Phalæna-N. obelisca, *View. T. V.* ii. 60, 1790.
Phalæna-N. obscura, *Brahm. I. K.* ii. 191, 1790.
Noctua crassa, *Haw. L. B.* 220, 1810.
Graphiphora crassa, *Step. H.* ii. 130, 1829. *West. & H. M.* i. 127, t. 25, f. 5, 1842.
♂. Noctua obducta, *Esp. S.* iv. (452), t. 142, *Noct.* 63, f. 4, 1788—96.
♀. Noctua austera, *Esp. S.* iv. (452), t. 142, *Noct.* 63, f. 5, 1788—96.
Var. *a.* Noctua bigramma, *Esp. S.* iv. (490), t. 150, *Noct.* 71, f. 2, 1788—97.

c. Epipsilia.

Epipsilia, *Hüb. V.* 210, 1816.

3. Spælotis pyrophila. The Dotted Rustic. B. M.

Noctua pyrophila, *Schiff.* (*W. V.* 71, 1776).
Graphiphora pyrophila, *Step. H.* ii. 130, 1829. *West. & H. M.* i. 126, t. 25, f. 4, 1842.
Phalæna-N. simulans, *Hüfn.*—(*Berl. M.* iii. 396, 1769?)
Noctua tristis, *Fab. E. S.* iii. 2, 118, 1794.
Noctua radicea, *Esp. S.* iv. (453), t. 143, *Noct.* 64, f. 1—3, 1788—96.

4. Spælotis distinguenda. The Allied Rustic.

Spælotis distinguenda, *Step. MSS.*
Graphiphora latens? *Step. H.* ii. 129, 1829. *Wood, I. E.* t. 9, f. 155, 1836.

d. EXARNIS.

Exarnis, p., *Hüb. V.* 225, 1816.

5. SPÆLOTIS AUGUR. The Double Dart. B. M.

Noctua augur, *Fab. M.* ii. 152, 1787.
Graphiphora augur, *Step. H.* ii. 131, 1829. *West. & H. M.* i. 127, t. 25, f. 6, 7, 1842.
Phalæna-N. assimilans, *Bork. E. S.* iv. 209, 1792.
Phalæna-N. Omega, *Bork.? E. S.* iv. 565, 1792.
Noctua Omega, *Esp. S.* iv. (398), t. 131, *Noct.* 52, f. 2, 1788—95.
Noctua cinctina, *Haw.* (*Pr.* 17, 1802).

110. GRAPHIPHORA.

Graphiphora, *Och.* (*S.* iv. 68, 1816, 3).
Noctua, *Treit. S..x.* 1, 206, 1825.

a. AMATHES.

Amathes, p., *Hüb. V.* 222, 1816, 9.

1. GRAPHIPHORA BAJA. The Dotted Clay. B. M.

Noctua baja, *Schiff.* (*W. V.* 77, 1776).
Graphiphora baja, *Step. H.* ii. 134, 1829. *West. & H. M.* i. 130, t. 25, f. 8, 9, 1842.
Var. *a.* Noctua tricomma, *Esp. S.* iv. (603), t. 167, f. 6, 1789—99.

b. DIARSIA.

Diarsia, *Hüb. V.* 222, 1816.

2. GRAPHIPHORA BRUNNEA. The Purple Clay. B. M.

Noctua brunnea, *Schiff.* (*W. V.* 77, 1776).
Graphiphora brunnea, *Step. H.* ii. 131, 1829. *West. & H. M.* i. 128, t. 25, f. 11, 1842.
Phalæna-N. Fragrariæ, *Bork. E. S.* iv. 497, 1792.
Noctua lucifera, *Esp. S.* iv. (453), t. 142, *Noct.* 63, f. 6, 1788—96.

3. GRAPHIPHORA FESTIVA. The Ingrailed Clay. B. M.

Noctua festiva, *Schiff.* (*W. V.* 77, 1776).
Graphiphora festiva, *Step. H.* ii. 134, 1829. *West.* & *H. M.* i. 131, t. 26, f. 1, 1842.
Phalæna-N. Primulæ, *Bork. E. S.* iv. 511, 1792.
Noctua mendica, *Fab. E. S.* iii. 2, 93, 1794.
Var. *a.* Noctua subrufa, *Haw. L. B.* 227, 1810.
Var. *b.* Noctua Dahlii, *Goda. L. F.* v. 189, t. 62, f. 1, 2, 1824.

4. GRAPHIPHORA DAHLII. The Barred Chestnut. B. M.

Noctua Dahlii, *Hüb. No.* t. 99, f. 465, 466, 1810.
Graphiphora Dahlii, *Step. H.* ii. 134, 1829. *West.* & *H. M.* i. 131, t. 25, f. 12, 1842.
Noctua erythrocephala, *Haw. L. B.* 227, 1810.
Var. *a.* Graphiphora candelisequa, *Step. H.* ii. 132, 1829.

5. GRAPHIPHORA RUBI. The Small Square-spot. B. M.

Noctua Rubi, *View. T. V.* ii. 57, t. 3, f. 5, 1790.
Phalæna-N. xanthographa, *Brahm. I. K.* ii. 112, 1791.
Phalæna-N. bella, *Bork. E. S.* iv. 605, 1792.
Graphiphora bella, *West.* & *H. M.* i. 132, t. 26, f. 6, 1842.
Noctua quadratum, *Hüb. No.* t. 101, f. 477, ♂, 1810.
Noctua punicea, *Haw. L. B.* 228, 1810.
Graphiphora punicea, *Step. H.* ii. 135, 1829.

c. MEGASEMA.

Megasema, *Hüb. V.* 222, 1816.

6. GRAPHIPHORA RHOMBOIDEA. The Square-spotted Clay. B. M.

Noctua rhomboidea, *Esp. S.* iv. (485), t. 149, *Noct.* 70, f. 3, 1789—97.
Noctua stigmatica, *Hüb. No.* t. 100, f. 470, 471, 1810.
Graphiphora tristigma? *Step. H.* ii. 132, 1829. *West.* & *H. M.* i. 129, t. 25, f. 10, 1842.

7. GRAPHIPHORA DITRAPEZIUM.* Triple-spotted Clay.

Phalæna-N. ditrapezium, *Bork. E. S.* iv. 515, 1792.
Noctua ditrapezium, *Hüb. No.* t. 24, f. 113, ♀, 1798, t. 100, f. 472, ♂, 1810.
Graphiphora tristigma, *Treit. S.* v. 1, 243, 1825.
Graphiphora Sigma, var., *Goda. L. F.* v. 176, t. 71, f. 3,* 1825.

8. GRAPHIPHORA TRIANGULUM. The Double Square-spot. B. M.

Phalæna triangulum, *Hüfn.*—(*Berl. M.* iii. 306, 1769).
Graphiphora triangulum, *Step. H.* ii. 133, 1829. *West. & H. M.* i. 130, t. 26, f. 3, 1842.
Noctua ditrapezium, *Schiff.* ? (*W. V.* 312, 1776).
Noctua Sigma, *Hüb. No.* t. 106, f. 597, 1815 ?

[B. M.

9. GRAPHIPHORA C.-NIGRUM. The Setaceous Hebrew Character.

Phalæna-N. C.-nigrum, *Linn. S. Nat.* i. 516, 1758.
Graphiphora C.-nigrum, *Step. H.* ii. 136, 1829. *West. & H. M.* i. 132, t. 26, f. 4, 5, 1842.
Noctua triangulum, *Rotten.*—*Naturf.* ix. 126, 1784 ?
Noctua gothica, var., *Esp. S.* iii. 383, t. 76, f. 3, 1785.
Phalæna-N. Nun-atrum, *Bork. E. S.* iv. 495, 1792.

d. EUGRAPHE.

Eugraphe, p., *Hüb. V.* 224, 1816.

10. GRAPHIPHORA DEPUNCTA. The Plain Clay. B. M.

Phalæna-N. depuncta, *Linn. F. S.* ii. No. 1214, 1761.
Graphiphora depuncta, *Step. H.* ii. 133, 1829. *West. & H. M.* i. 130, t. 26, f. 14, 1842.
Noctua mendosa, *Hüb. No.* t. 26, f. 120, 1798. *Id.* t. 107, f. 502, 1811.

11. GRAPHIPHORA GLAREOSA. The Autumnal Rustic. B. M.

Noctua glareosa, *Esp. S.* iv. (387), t. 128, *Noct.* 49, f. 3, 1788—95.
Graphiphora glareosa, *Step. H.* ii. 159, t. 21, f. 1, 1829.
Noctua Hebraica, *Hüb. No.* t. 140, f. 642, 643, 1816.
Graphiphora I-geminum, *Dup. L. F.* vi. 80, t. 77, f. 6, 1826.

e. OCHROPLEURA.

Ochropleura, *Hüb. V.* 223, 1816.

12. GRAPHIPHORA PLECTA. The Flame Shoulder. B. M.

Phalæna-N. plecta, *Linn. F. S.* ii. No. 1216, 1761.
Graphiphora plecta, *Step. H.* ii. 136, 1829. *West. & H. M.* i. 133, t. 26, f. 7, 8, 1842.

111. CERASTIA.

Cerastia, p., *Step. MSS.*
Cerastis, p., *Hüb. V.* 228, 1816.

1. CERASTIA LEUCOGRAPHA. The Early Chestnut.

Noctua leucographa, *Hüb. No.* t. 124, f. 572, 1814 ?
Noctua cervina, *Hüb.* (*V.* 228, 1816).
Var. *a.* Noctua Lepetitii, *Bois. Ic.* t. 83, f. 2, 1835.

112. LYCOPHOTIA.

Lycophotia, *Hüb. V.* 215, 1816.
Scotophila, *Step. H.* iii. 18, 1829.
Chersotis,†††, *Bois. I. M.* 2 ed. 103, 1840.

1. LYCOPHOTIA PORPHYREA. The True Lover's Knot. B. M.

Noctua porphyrea, *Schiff.* (*W. V.* 83, 1776).
Scotophila porphyrea, *Step. H.* iii. 19, 1829.
Phalæna-N. varia, *Vill. E.* ii. 276, 1789.
Phalæna birivia, *Bork. E. S.* iv. 206, 1792.
Noctua picta, *Fab. E. S.* iii. 2, 91, 1794.
Noctua concinna, *Esp. S.* iv. (500), t. 152, *Noct.* 73, f. 1, 1789—97.
Phalæna Ericæ, *Don. B. I.* x. 93, t. 360, f. 1, 1801.

Sub-F. II. ORTHOSIDI.

Orthosidi, *Guén.—Ann. S. E. Fr.* viii. 473, 1839.

113. SEMIOPHORA.

Semiophora, *Step.* (*Cat.* ii. 70, 1829). *Id. H.* ii. 138, 1829.
Episema, p., *Hüb. V.* 224, 1816.
Tæniocampa, p., *Guén.—Ann. S. E. Fr.* viii. 483, 1839.

1. SEMIOPHORA GOTHICA. The Hebrew Character. B. M.

Phalæna-B. gothica, *Linn. S. Nat.* i. 516, 1758.
Semiophora gothica, *Step. H.* ii. 138, 1829. *West. & H. M.* i. 134, t. 27, f. 1, 1842.
Noctua Nun-atrum, *Schiff.* (*W. V.* 78, 1776).
Phalæna-N. C. nigrum, *Vill. E.* ii. 183, 1789.
Var. *a.* Phalæna sigma, *Don. B. I.* xvi. 61, t. 562, 1813.

114. PANOLIS.

Panolis, *Hüb. V.* 214, 1816.
Achatia, *Cur. B. E.* iii. *fo.* 117, 1826.
Trachea, *Guén.—Ann. E. S. Fr.* viii. 475, 1839. *Doub.* (*L.* 8, 1848).

1. PANOLIS PINIPERDA The Pine Beauty. B. M.

Noctua piniperda, *Köb. Forl. P.* 51, t. 1—3, 1786.
Achatia piniperda, *Step. H.* iii. 19, 1829.
Noctua flammea, *Schiff.?* (*W. V.* 87, 1776).
Noctua telifera, *Payk.—Act. Holm.* xlviii. 58, t. 2, f. 2, 3, 1786.
Noctua spreta, *Fab. M.* ii. 124, 1787. *Cur. B. E.* iii. t. 117, 1826.
Phalæna-N. Pini, *Vill. E.* ii. 278, 1789.

115. GLÆA.

Glæa, *Step.* (*Cat.* ii. 76, 1829). *Id. H.* ii. 159, 1829.
Cerastis, p., *Hüb. V.* 228, 1816.
Tæniocampa, p., *Guén.—Ann. S. E. Fr.* viii. 480, 1839

1. Glæa rubricosa. The Red Chestnut. B. M.

Noctua rubricosa, *Schiff.* (*W. V.* 77, 1776).
Glæa rubricosa, *Step. H.* ii. 160, 1829.
Phalæna-N. pilicornis, *Bork. E. S.* iv. 536, 1792.
Noctua mucida, *Esp. S.* iv. (482) t. 148, *Noct.* 69, f. 4, 1789—97.
Noctua rufa, *Haw. L. B.* 232, 1810. *Hatchett.—Ent. Tr.* i. 244, t. 5, fig. sup. 1810.
Var. *a.* Noctua mixta, *Hüb. No.* t. 109, f. 509, 1812.

116. ORTHOSIA.

Orthosia, *Och.—Hüb. V.* 228, 1816.
Tæniocampa, *Guén.—Ann. E. S. Fr.* viii. 477, 1839.

a. Tæniocampa.

Tæniocampa, *Guén. ut supra.*

1. Orthosia instabilis. The Clouded Drab. B. M.

Noctua instabilis, *Schiff.* (*W. V.* 76, 1776).
Orthosia instabilis, *Step. H.* ii. 140, 1829. *West. & H. M.* i. 134, t. 27, f. 2—4, 1842.
Bombyx fuscatus, *Haw. L. B.* 122, 1803.
Var. *a.* Noctua contracta, *Esp. S.* iv. (496) t. 151, *Noct.* 72, f. 2, 1789—97.
Var. *b.* Noctua trigutta, *Esp.? S.* iv. (474), t. 147, *Noct.* 68, f. 4, 1789—97. *West. & H. M. l. c.* f. 3.
Bombyx nebulosus, *Haw. L. B.* 120, 1803.
Var. *c.* Bombyx subsetaceus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 120, 1803.
Var. *d.* Bombyx angusta, *Haw. L. B.* 122, 1803.
Var. *e.* Noctua firma, *Hüb.? No.* t. 147, f. 676—677, 1816.
Var. *f.* Noctua confluens, *Step. MSS.*

2. Orthosia opima. The Northern Drab. B. M.

Noctua opima, *Hüb. No.* t. 90, f. 424, 1806.
Orthosia biannularis, *Cur.?* (*Gu.* i. 147, 1830).

3. Orthosia Populeti. The Lead-coloured Drab. B. M.

Noctua Populeti, *Fab. M.* ii. 130, 1787.
Noctua donasa, *Esp.? S.* iii. 264, t. 52, f. 7, 1784?
Bombyx subplumbeus, *Haw. L. B.* 121, 1803.
Orthosia gracilis, *Step. H.* ii. 141, 1829. *Wood, I. E.* t. 10, f. 173.
Orthosia ocularis, *Frey. B.* i. 168, t. 95, f. 2, 1832.
Var. *a.* Orthosia intermedia, *Step. H.* ii. 140, 1829. *Wood, I. E.* t. 10, f. 172.

4. Orthosia gracilis. The Powdered Quaker. B. M.

Noctua gracilis, *Schiff.* (*W. V.* 76, 1776).
Noctua collinita, *Esp. S.* iv. (505) t. 152, *Noct.* 73, f. 6, 1789—97.
Bombyx sparsus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 122, 1803.
Orthosia sparsa, *Step. H.* ii. 147, 1829. *West. & H. M.* i. 136, t. 28, f. 12, 1842.
Var. *a.* Phalæna-N. lepida, *Bork. E. S.* iv. 600, 1792.
Var. *b.* Orthosia pallida, *Step. H.* ii. 143, 1829.

5. Orthosia munda. The Twin-spotted Quaker. B. M.

Noctua munda, *Schiff.* (*W. V.* 76, 1776).
Orthosia munda, *Step. H.* ii. 141, 1829. *West. & H. M.* i. 135, t. 27, f. 6, 1842.
Phalæna-N. gemina, var., *Bork. E. S.* iv. 705, 1792.
Noctua munda (Lota), *Hüb. No.* t. 35, f. 166, 1799.
Bombyx geminatus, *Haw. L. B.* 121, 1803.
Var. *a.* Bombyx bimaculatus, *Haw. L. B.* 121, 1803.

b. Cuphanoa.

Cuphanoa, *Hüb. V.* 230, 1816.

6. Orthosia stabilis. The Common Quaker. B. M.

Noctua stabilis, *Schiff.* (*W. V.* 76, 1776).
Orthosia stabilis, *Step. H.* ii. 143, 1829. *West. & H. M.* i. 137, t. 28, f. 1, 1842.
Noctua Cerasi, *Fab.? M.* ii. 146, 1787.
Var. *a.* Bombyx junctus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 123, 1803.
Var. *b.* Noctua rufannulata, *Haw. L. B.* 242, 1810.
Var. *c.* Noctua pallida, *Haw. L. B.* 242, 1810.

c. Monima.

Monima, *Hüb. V.* 229, 1816.

7. Orthosia miniosa. The Blossom Underwing. B. M.

Noctua miniosa, *Schiff.* (*W. V.* 88, 1776).
Orthosia miniosa, *Step. H.* ii. 144, 1829. *West. & H. M.* i. 137, t. 28, f. 2, 3, 1842.
Noctua rubricosa, *Esp. S.* iii. 381, t. 75, f. 3, 1785.
Noctua serratina, *Haw.* (*Pr.* 15, 1802).

8. Orthosia cruda. The Small Quaker. B. M.

Noctua cruda, *Schiff.* (*W. V.* 77, 1776).
Orthosia cruda, *Step. H.* ii. 144, 1829. *West. & H. M.* i. 137, t. 27, f. ii. t. 28, f. 12, 1842.
Noctua pulverulenta, *Esp. S.* iii. 386, t. 76, f. 5, 6, 1785.
Noctua ambigua, *Hub. No.* t. 36, f. 173, 1799.
Bombyx nanus, *Haw.* (*Pr.* 9, 1802). *Id. L. B.* 124, 1803.
Var. *a.* Noctua pusilla, *Haw. L. B.* 124, 1803.
Orthosia pusilla, *Step. H.* ii. 145, 1829. *West. & H. M.* i. 138, t. 27, f. 10, 1842.

d. Orthosia.

Orthosia, *Guén.—Ann. S. E. Fr.* viii. 480, 1839.

9. Orthosia Lota. The Red-line Quaker. B. M.

Phalæna-N. Lota, *Linn. F. S.* ii. No. 1137, 1761.
Orthosia Lota, *Step. H.* ii. 147, 1828. *West. & H. M.* i. 137, t. 28, f. 9, 1842.
Phalæna-N. Hippophaës, *Vill. E.* ii. 178, 1789.
Noctua Lota (munda), *Hüb. No.* 35, f. 167, 1799.

10. Orthosia macilenta. The Yellow-line Quaker. B. M.

Noctua macilenta, *Hüb. No.* t. 89, f. 418, 1806.
Orthosia macilenta, *Step. H.* iii. 68, 1829. *West. & H. M.* i. 140, t. 28, f. 9, ♂, 1842.
Noctua flavilinea, *Haw. L. B.* 243, 1810.
Orthosia flavilinea, *Step. H.* ii. 148, t. 19, f. 2, 1829.

e. CARADRINA.

Caradrina, p., *Hüb. V.* 230, 1816.
Orthosia, p., *Guén.—Ann. S. E. Fr.* viii. 480, 1839.

11. ORTHOSIA ? NEGLECTA. The Neglected Rustic. B. M.

Noctua neglecta, *Hüb. No.* t. 34, f. 160, 1799.
Segetia neglecta, *Step. H.* ii. 154, t. 21, f. 2, 1829.
Var. *a*. Noctua lævis, *Haw. L. B.* 207, 1810.
Caradrina lævis, *Step. H.* ii. 157, 1829.

12. ORTHOSIA ? CONGENER. The Allied Rustic. B. M.

Noctua congener, *Hüb. No.* t. 181, f. 862, 1834 ?
Var. *a*. Caradrina iners, *Treit. S.* v. 2, 271, 1825.
Var. ? *b*. Noctua suspecta, *Hüb. No.* t. 138, f. 633, 1816.

13. ORTHOSIA? HYPERBOREA?* The Mountain Drab.

Hadena hyperborea ? *Dalm. in litt.? Zett. I. L.* 938, 1840.
Agrotis alpina, *West. & H. M.* i. 118, t. 23, f. 13, 1842.

f. ORRHODIA.

Orrhodia, p., *Hüb. V.* 231, 1816.

14. ORTHOSIA ? RUTICILLA.* The Reddish Drab.

Noctua ruticilla, *Esp. S.* iv. (525), t. 157, *Noct.* 78, f. 1, 1789—98.
Noctua Serpylli, *Hüb. No.* t. 104, f. 488, ♂, 489, ♀, 1811.

117. ANCHOSCELIS.

Anchoscelis, *Guén.—Ann. S. E. Fr.* viii. 483, 1839.
Anthocelis, *Doub.—(Entom.* 378, 1842).

a. AMATHES.

Amathes, p., *Hüb. V.* 222, 1816.

1. ANCHOCELIS LITURA. The Brown-spot Pinion. B. M.

Phalæna-N. Litura, *Linn. F. S.* ii. No. 1213, 1761.
Orthosia Litura, *Step. II.* ii. 145, 1829. *West. & H. M.* i. 138, t. 28, f. 4, 1842.
Noctua polluta, *Esp. S.* iv. (383) t. 127, *Noct.* 48, f. 5, 1788—95.
Noctua costina, *Haw.* (*Pr.* 15, 1802).
Var. *a.* Phalæna-N. depuncta, *Bork. E. S.* iv. 528, 1792.
Var. *b.* Orthosia ornatrix, *Frey. B.* i. 167, t. 95, f. 1, 1832.

b. AGROCHOLA.

Agrochola, *Hüb. V.* 229, 116.

2. ANCHOCELIS PISTACINA. The Beaded Chestnut. B. M.

Noctua Pistacina, *Schiff.* (*W. V.* 77, 1776).
Orthosia Pistacina, *Step. II.* ii. 146, 1829. *West. & H. M.* i. 138, t. 28, f. 5—8, 1842.
Noctua serina, *Esp. S.* iv. (522) 156, *Noct.* 77, f. 1, 2, 1789—98.
Noctua sexpunctina, *Haw.* (*Pr.* 5, 1802).
Noctua Lychnidis, *Dup. L. F.* vi. 113, t. 80, f. 5, 1826.
Var. *a.* Noctua Lychnidis, *Fab. E. S.* iii. 2, 45, 1794.
Noctua canaria, *Esp. S.* iv. (524) t. 156, *Noct.* 77, f. 5, 6, 1789—98.
Phalæna lineola, *Don. B. I.* x. 94, t. 360, f. 2, 1801.
Var. *b.* Noctua Shœnobæna, *Esp. S.* iv. (525) t. 157, *Noct.* 78, f. 1, 2, 1789—98.
Noctua sphærulatina, *Haw.* (*Pr.* 13, 1802).
Var. *c.* Noctua rubetra, *Esp. S.* iv. (523) t. 156, *Noct.* 77, f. 3, 4, 1789—98.
Noctua ferrea, *Haw. L. B.* 231, 1810.
Var. *d.* Noctua venosa, *Haw. L. B.* 232, 1810.

3. ANCHOCELIS LUNOSA. The Lunar Underwing. B. M.

Noctua lunosa, *Haw. L. B.* 230, 1810.
Orthosia lunosa, *Cur. B. E.* v. t. 237, 1828. *Step. II.* ii. 147, 1829.

Orthosia subjecta, *Dup. L. F. Sup.* iii. 295, t. 27, f. 3, 1830?
Anchocelis Agrotoides, *Guén.—Ann. S. E. Fr.* viii. 486, 1839.
Orthosia humilis, *West. & H. M.* i. 139, t. 27, f. 7, 8, 1842.
Var.? *a.* Noctua neurodes, *Hüb. No.* t. 123, f. 568, 1814.

118. DASYCAMPA.

Dasycampa, *Guén.—Ann. S. E. Fr.* vi. 224, 1837.
Orrhodia, p., *Hüb. V.* 231, 1816.
Omalosoma, *Guén.* (*olim.*).

1. Dasycampa rubiginea. The Dotted Chestnut. B. M.

Noctua rubiginea, *Schiff.* (*W. V.* 86, 1776).
Glæa rubiginea, *Step. H.* ii. 161, 1829.
Noctua tigerina, *Esp. S.* iv. (331), t. 123, *Noct.* 44, f. 3, 4, 1788—92.
Dasycampa rubiginea, *West. & H. M.* i. 148, t. 30, f. 3, 4, 1842.
Var. *a.* Phalæna-N. sulphurago, *Bork. E. S.* iv. 679, 1792.

119. ORRHODIA.

Orrhodia, *Hüb. V.* 231, 1816.
Cerastis D., *Och.* (*S.* iv. 84, 1816).

1. Orrhodia Vaccinii. The Chestnut. B. M.

Phalæna-N. Vaccinii, *Linn. F. S.* ii. No. 1212, 1761.
Glæa Vaccinii, *Step. H.* ii. 161, 1829. *West. & H. M.* i. 148, t. 30, f. 5, 6, 1842.
Var. *a.* Noctua polita, *Schiff.* (*W. V.* 85, 1776).
Glæa polita, *Step. H.* ii. 162, 1829. *Wood, I. E.* t. 11, f. 212, 1835.
Var. *b.* Noctua spadicea, *Haw. L. B.* 233, 1810.
Glæa spadicea, *Wood, I. E.* t. 11, f. 210, 1835.

2. Orrhodia Ligula. The Dark Chestnut. B. M.

Noctua Ligula, *Esp. S.* iv. (595), t. 166, *Noct.* 87, f. 3, 1789—99.
Var. *a.* Noctua spadicea, *Hüb. No.* t. 37, f. 179, 1799.
Glæa spadicea, *Step. H.* ii. 162, 1829.
Noctua castanea, *Marsh.—Haw.* (*Pr.* 15, 1802).

Var. *b*. Noctua subnigra, *Haw. L. B.* 234, 1810.
Glæa subnigra, *Step. H.* ii. 162, 1829, 5. *Cur. B. E.* vi. t. 268, 1829, 7.

3. ORRHODIA ERYTHROCEPHALA.* The Red-headed Chestnut.
Noctua erythrocephala, *Schiff.* (*W. V.* 77, 1776).
Noctua Vaccinii, var., *Esp. S.* iv. (553), t. 162, *Noct.* 43, f. 1, 2, 1789—98.
Var. *a*. Phalæna-N. Silene, *Bork. E. S.* iv. 741, 1792.
Var. *b*. Noctua glabra, *Schiff.* (*W. V.* 114, 1776).

120. EUPSILIA.

Eupsilia, *Hüb. V.* 231, 1816.
Glæa, B. *b*., *Step. H.* ii. 163, 1829.
Scopelosoma, *Cur. B. E.* xiv. *fo.* 635, 1837, 3.
Mecoptera, *Guén.—Ann. S. E. Fr.* vi. 225, 1837, 7.

1. EUPSILIA SATELLITIA. The Satellites. B. M.
Phalæna-N. Satellitia, *Linn. S. Nat.* ii. 855, 1767.
Glæa Satellitia, *Step. H.* ii. 163, 1829.
Scopelosoma Satellitia, *Cur. B. E.* xiv. t. 635, 1837.
Var. *a*. Phalæna-N. transversa, *Hüfn.*—(*Berl. M.* iv. 418, 1770?)

Sub-F. III. AMPHIPYRIDI.

Amphipyridi, *Guén.—Ann. E. S. Fr.* vii. 107, 1838.

121. AMPHIPYRA.

Amphipyra, *Och.* (*S.* iv. 70, 1816, 3). *Treit. S.* v. 1, 276, 1825.
Pyrois, *Hüb. V.* 208, 1816, 9.
Philopyra, A., *Guén.—Ann. E. S. Fr.* vii. 116, 1838.

1. AMPHIPYRA PYRAMIDEA. The Copper Underwing. B. M.
Phalæna-N. pyramidea, *Linn. S. Nat.* i. 518, 1758.
Amphipyra pyramidea, *Step. H.* ii. 164, 1829. *West. & H. M.* i. 151, t. 30, f. 11, 12, 1842.

122. SCOTOPHILA.

Scotophila, *Hüb. V.* 209, 1816.
Pyrophila, *Step.* (*Cat.* ii. 77, 1829). *Id. H.* ii. 164, 1829.
Philopyra C., *Guén.—Ann. E. S. Fr.* vii. 116, 1838.

1. SCOTOPHILA TRAGOPOGONIS. The Mouse. B. M.

Phalæna-N. Tragopogonis, *Linn. F.* ii. No. 1189, 1761.
Pyrophila Tragopogonis, *Step. H.* ii. 165, 1829.
Noctua Tragopognis, *Hüb. No.* t. 8, f. 40, 1796?
Phalæna Tragopoginis, *Don. B. I.* vii. 18, t. 223, f. 2, 1798.
Var. a. Noctua tetra, *Haw. L. B.* 164, 1810.
Pyrophila tetra, *Step. H.* ii. 165, 1829. *Wood, I. E.* t. 11, f. 215, 1836.

123. NÆNIA.

Nænia, *Step.* (*Cat.* ii. 77, 1829). *Id. H.* iii. 165, 1829.
Mormo, p., *Och.* (*S.* iv. 70, 1816).
Hadena, t., *Hüb. V.* 216, 1816.
Mania, p., *Treit. S.* v. 1, 294, 1825.
Lemuris, *Cur.* (*G.* 148, 1831).

1. NÆNIA TYPICA. The Gothic. B. M.

Phalæna typica, *Linn. S. Nat.* i. 518, 1758.
Nænia typica, *Step. H.* ii. 166, 1829.
Lemuris typica, *West. & H. M.* i. 152, t. 30, f. 17, 18, 1842.
Noctua venosa, *Hüb. No.* t. 13, f. 61, 1798?
Noctua excusa, *Esp. S.* iv., *Sup.* 70, t. 197, *Noct.* 48, f. 1—3, 1802?

Sub-F. IV. XYLINIDI.

Xylinidi, *Guén.—Ann. E. S. Fr.* viii. 500, 1839.
Xylænæ, *Hüb.* (*V.* 241, 1816).

124. DYPTERYGIA.

Dypterygia, *Step.* (*Cat.* ii. 77, 1829). *Id. H.* ii. 167, 1829.
Calliergis, p., *Hüb. V.* 224, 1816.
Cloantha, p., *Guén.—Ann. E. S. Fr.* viii. 509, 1839.
Luperina, p., *Bois. I. M.* 114, 1840.

1. Dypterygia Pinastri. The Bird's Wing. B. M.

Phalæna-N. Pinastri, *Linn. F.* ii. No. 1188, 1761.
Phalæna Pinastri, *Don. B. I.* x. 58, t. 347, f. 2, 1801.
Dypterygia Pinastri, *Step. H.* ii. 168, 1829.
Phalæna-N. Dypterygia, *Hüfn.*—(*Berl. M.* iii. 300, 1769).

125. APOROPHYLA.

Aporophyla, *Guén.*—*Ann. E. S. Fr.* x. 2, 46, 1841.
Aporophila, *Doub.* (*L.* 27, 1850).
Agrotis, p., *Cur.* (*B. E.* iii. *fo.* 165, 1827).
Egira, p., *Dup. C.* 162, 1846.

1. Aporophyla australis. The Feathered Brindle.

Xylina australis, *Bois. I. M. Add.* 6, 1829. *Frey. B.* iii. 27, t. 209, f. 4, 1839.
Xylina? australis, *Ramb.*—*Ann. E. S. Fr.* i. 291, t. 9, f. 8, ♀, 1832.
Agrotis pascuea, *Cur.* (*B. E.* iii. *fo.* 165, 1827). *West.* & *H. M.* i. 123, t. 24, f. 2, 1842.

126. LITHOMOIA.

Lithomoïa, *Hüb. V.* 244, 1816.
Lithomia, *Cur. B. E. fo.* 683, 1838.
Cloantha, p., *Guén.*—*Ann. E. S. Fr.* viii. 509, 1839.
Egira, p., *Dup. C.* 162, 1846.

1. Lithomoia Solidaginis. The Golden-rod Brindle. B. M.

Noctua Solidaginis, *Hüb. No.* t. 53, f. 256, 1800.
Lithomia Solidaginis, *Cur. B. E.* xv. t. 683, 1838.

127. XYLINA.

Xylina, *Step. H.* ii. 168, 1829.

a. Lithophane.

Lithophane, *Hüb. V.* 242, 1816.
Asteroscopus, p., *Bois.* (*I. M.* 59, 1829).
Egira, p., *Dup. C.* 162, 1846.

1. XYLINA PULLA. The Ash Shoulder-knot. B. M.

Noctua pulla, *Schiff.* (*W. V.* 76, 1776).
Xylina pulla, *Step. H.* ii. 170, 1829. *West. & H. M.* i. 154, t. 31, f. 2, 1842.

2. XYLINA CONSPICILLARIS. The Silver Cloud. B. M.

Phalæna-N. conspicillaris, *Linn. S. Nat.* i. 515, 1758.
Xylina conspicillaris, *Step. H.* ii. 169, 1829. *Wood, I. E.* t. 11, f. 218, 1836.
Var. *a.* Phalæna leuconota, *Don. B. I.* xiii. 44, t. 453, f. 3, 1808.
Var. *b.* Xylina conspicillaris, *West. & H. M.* i. 154, t. 31, f. 1, 1842.
Var. *c.* Noctua musicalis, *Esp. S.* iv. (478), t. 147, *Noct.* 68, f. 5, 1789—97.
Var. *d.* Noctua melaleuca, *View. T. V.* ii. 68, 1790. *Dup. L. F.* vii. t. 112, f. 6, 1826.
Phalæna-N. præusta, *Brahm. I. K.* ii. 55, 1791.

b. XILINA.

Xilina, *Dup. C.* 163, 1846.

3. XYLINA SEMIBRUNNEA. The Tawny Pinion. B. M.

Noctua semibrunnea, *Haw. L. B.* 171, 1810.
Xylina semibrunnea, *Step. H.* ii. 170, t. 21. f. 3, 1829.
Noctua petrificata, *Dup.?* *L. F.* vii. t. cxiii. f. 7, 1827.
Xylina oculata, *Germ. F.* ix. f. 18, 1834.

4. XYLINA PETRIFICATA. The Pale Pinion. B. M.

Noctua petrificata, *Schiff.* (*W. V.* 75, 1776).
Xylina petrificata, *Step. H.* ii. 171, t. 23, f. 1, 1829.
Phalæna-N. socia, *Hüfn.*—(*Berl. M.* iii. 418, 1769).
Noctua umbrosa, *Esp. S.* iv. (413), t. 133, *Noct.* 54, f. 5, 6, 1788—95.
Noctua lithoxylea, *Fab.?* *E. S.* iii. 2, 123, 1793.
Noctua petrificosa, *Hüb. No.* t. 49, f. 239, 1799.

c. GRAPTOLITHA.

Graptolitha, *Hüb. V.* 243, 1816.
Rhizolitha, *Cur.—Ent. M.* i. 189, 1833.

5. XYLINA RHIZOLITHA. The Gray Shoulder-knot. B. M.

Noctua rhizolitha, *Schiff.* (*W. V.* 75, 1776).
Xylina rhizolitha, *Step. H.* ii. 170. 1829.
Phalæna-N. ornithopus, *Hüfn.*—(*Berl. M.* iii. 304, 1769).
Noctua Lambda, *Haw. L. B.* 181, 1810.
Xylina Lambda, *West. & H. M.* i. 153, t. 31, f. 6, 1842.

d. AXYLIA.

Axylia, p., *Hüb. V.* 242, 1816.

6. XYLINA PUTRIS. The Flame. B. M.

Phalæna-N. putris, *Linn. F.* ii. No. 1187, 1761.
Xylina putris, *Step. H.* ii. 172, 1829. *Wood, I. E.* t. 11, f. 223, 1836.
Phalæna-N. subcorticalis, *Hüfn.*—(*Berl. M.* iii. 308, 1769).
Noctua liguosa, *Hüb. No.* t. 50, f. 245, 1799.

128. CALOCAMPA.

Calocampa, *Step.* (*Cat.* ii. 79, 1829). *Id. H.* ii. 172, 1829.
Axylia, p., *Hüb. V.* 242, 1816.

1. CALOCAMPA EXOLETA. The Sword Grass. B. M.

Phalæna-N. exoleta, *Linn. S. Nat.* i. 515, 1758.
Xylina exoleta, *Cur. B. E.* vi. t. 256, 1829, 4.
Calocampa exoleta, *Step. H.* ii. 173, 1829, 5.

2. CALOCAMPA VETUSTA. The Red Sword Grass. B. M.

Noctua vetusta, *Hüb. No.* t. 97, f. 459, 1810.
Calocampa vetusta, *Step. H.* ii. 174, 1829.
Phalæna exoleta, *Don.? B. I.* vi. 19, t. 287, 1797.

Sub-F. V. APAMIDI.

Apamidi, *Guén.*—(*Ann. E. S. Fr.* x. 237, 1841).

129. XYLOPHASIA.

Xylophasia, *Step.* (*Cat.* ii. 79, 1829). *Id. H.* ii. 174, 1829.

a. SEPTIS.

Septis, *Hüb. V.* 167, 1816.

1. XYLOPHASIA LITHOXYLEA. The Light Arches. B. M.
   Noctua lithoxylea, *Schiff.* (*W. V.* 75, 1776).
   Xylophasia lithoxylea, *Step. H.* ii. 175, 1829. *West. & H. M.* i. 158, t. 32, f. 1, 1842.
   Noctua sublustris, var., *Esp. S.* iv. (408), t. 133, *Noct.* 54, f. 2, 1788—95.

2. XYLOPHASIA SUBLUSTRIS. The Reddish Light Arches. B. M.
   Noctua sublustris, *Esp. S.* iv. (408), t. 133, *Noct.* 54, f. 1, 1788—95.
   Xylophasia sublustris, *Step. H.* ii. 175, 1829. *West. & H. M.* i. 158, t. 32, f. 2, 1842.
   Noctua lithoxylea, *Hüb. No.* t. 49, f. 240, 1799.
   Noctua musicalis, *Dup. L. F.* vii. 177, t. 113, f. 1, 1827.

3. XYLOPHASIA POLYODON. The Dark Arches. B. M.
   Phalæna-N. polyodon, *Linn. F.* ii. No. 1219, 1761.
   Xylophasia polyodon, *Step. H.* ii. 176, 1829. *West. & H. M.* i. 158, t. 32, f. 3, 1842.
   Phalæna-N. monoglypha, *Hüfn.*—(*Berl. M.* iii. 308, 1769).
   Noctua radicea, *Schiff.* (*W. V.* 81, 1776).
   Noctua occulta (monoglypha), *Esp. S.* iv. (405), t. 132, *Noct.* 53, f. 3, 4, 1788—95.

4. XYLOPHASIA RUREA. The Clouded-bordered Brindle. B. M.

Noctua rurea, *Fab. S. E.* 618, 1775.
Xylophasia rurea, *Step. II.* ii. 176, 1829. *West. & H. M.* i. 159, t. 32, f. 4, 1842.
Noctua putris, *Schiff.* (*W. V.* 75, 1776).
Noctua luculenta, *Esp. S.* iv. (410), t. 133, *Noct.* 54, f. 3, 4, 1788—95.
Noctua epomina, *Haw.* (*Pr.* 18, 1802).
Var.? *a.* Xylina borealis,* *Cur.?* (*B. E.* vi. *fo.* 256, 1829).
Var. *b.* Noctua combusta, *Hüb. No.* t. 79, f. 366, 1804?
Xylophasia combusta, *Step. II.* ii. 177, 1829. *West. & H. M.* i. 159, t. 32, f. 5, 1842.
Noctua Alopecurus, *Esp. S.* iv. (473), t. 147, *Noct.* 63, f. 3, 1789—97.
Var. *c.* Apamea aquila, *Donz.—Ann. E. S. Fr.* vi. 476, t. 18, f. 6, 1837.

b. PARASTICHTIS.

Parastichtis, t., *Hüb. V.* 213, 1816.

5. XYLOPHASIA HEPATICA. The Clouded Brindle. B. M.

Phalæna-N. hepatica, *Linn.? S. Nat.* ii. 853, 1767.
Noctua characterea, *Hüb. No.* t. 28, f. 133, 1798.
Xylophasia characterea, *West. & H. M.* i. 140, t. 32, f. 6, 7, 1842.
Noctua epomidion, *Haw.* (*Pr.* 18, 1802).
Xylophasia epomidion, *Step. II.* ii. 178, 1829.
Noctua Ypsilon, *Scrib. B.* ii. 128, 1791.
Var. *a.* Noctua hepatica, *Dup. L. F.* vii. t. 113, f. 4, 1827.

6. XYLOPHASIA SCOLOPACINA. The Slender Clouded Brindle. B. M.

Noctua scolopacina, *Esp. S.* iv. (394) t. 130, *Noct.* 51, f. 1, 1788—95.
Xilophasia scolopacina, *Step. II.* ii. 178, 1829. *West. & H. M.* i. 160, t. 32, f. 8, 1842.
Noctua abbrevina, *Haw.* (*Pr.* 18, 1802).
Noctua abbreviata, *Haw. L. B.* 170, 1810.

130. HYPPA.

Hyppa, *Dup. C.* 161, 1846.
Lithomoïa, p., *Hüb. V.* 244, 1816.

1. HYPPA RECTILINEA. The Clouded Brocade. B. M.

Noctua rectilinea, *Esp. S.* iv. (379) t. 127, *Noct.* 48, f. 1, 1788—95.
Xylophasia rectilinea, *Step. H.* ii. 178, 1829. *West. & H. M.* i. 160, t. 32, f. 9, 10, 1842.

131. HYDRÆCIA.

Hydræcia, *Guén.*—(*Ann. S. E. Fr.* x. 237, 1841).
Diataraxia, p., *Hüb. V.* 219, 1816.

1. HYDRÆCIA LEUCOSTIGMA. The Crescent. B. M.

Noctua leucostigma, *Hüb. No.* t. 80, f. 375, 1804.
Noctua lunina, *Haw.* (*Pr.* 19, 1802). *Id. L. B.* 209, 1810.
Var. *a.* Noctua fibrosa, *Hüb. No.* t. 82, f. 385, 1804.
Apamea fibrosa, *Step. H.* iii. 7, 1829. *West. & H. M.* i. 176, t. 37, f. 1, 2, 1842.

132. APAMEA.

Apamea, *Och.* (*S.* iv. 75, 1816). *Treit. S.* v. 81, 1825.

a. APAMEA.

Hydræcia, p., *Guén.*—(*Ann. E. S. Fr.* x 237, 1841).

1. APAMEA NICTITANS. The Golden Ear. B. M.

Phalæna nictitans (oculea), *Linn. F.* ii. *No.* 1215, 1761.
Apamea nictitans, *Step. H.* iii. 7, 1829. *West. & H. M.* i. 177, t. 37, f. 3, 4, 1843.
Noctua chrysographa, *Schiff.* (*W. V.* 313, 1776).
Noctua cinerago, *Fab. E. S. Sup.* 415, 1795.
Noctua auricula, *Haw. L. B.* 240, 1810.
Var. *a.* Noctua erythrostigma, *Haw. L. B.* 240, 1810.

b. PARASTICHTIS.

Parastichtis, p., *Hüb. V.* 213, 1816.
Apamea, C., *Guén.—Ann. E. S. Fr.* vi. 335, 1837.

2. APAMEA UNANIMIS. The Uniform Rustic. B. M.

Noctua Unanimis, *Hüb. No.* t. 120, f. 556, 1814.
Apamea Unanimis, *Step.* (*H.* iii. 9, 1829).
Noctua secalina, *Haw. L. B.* 210, 1810.
Apamea secalina, *Step. H.* iii. 8, 1829. *West. & H. M.* i. 178, t. 37, f. 6, 1843.

3. APAMEA DIDYMA. The Common Rustic. B. M.

Phalæna-N. didyma, *Bork. E. S.* iv. 465, 1792.
Apamea didyma, *Step. H.* iii. 8, 1829.
Apamea oculea, *West. & H. M.* i. 177, t. 37, f. 7—9, 1843.
Var. *a.* Noctua oculea, *Fab. S. E.* 616, 1775.
Apamea oculea, *Step. H.* iii. 9, 1829. *West. & H. l. c.* f. 8.
Noctua Phœbe, *Marsh. MSS.* (ina) *Haw.* (*Pr.* 18, 1802).
Var. *b.* Noctua leucostigma, *Esp. S.* iv. (542) t. 159, *Noct.* 80, f. 7, 1789—98.
Noctua lamda, *View.? T. V.* ii. 81, 1790.
Noctua nictitans, *Hüb. No.* t. 135, f. 619, 1816.
Apamea oculea, var., *West. & H. l. c. f.* 9.
Var. *c.* Noctua lugens, *Marsh. MSS. Haw. L. B.* 212, 1810.
Var. *d.* Noctua secalina, *Hüb. No.* t. 89, f. 420, 1806.
Var. *e.* Noctua I-niger, *Haw. L. B.* 211, 1810.
Apamea I-niger, *Step. H.* iii. 10, 1829. *Wood, I. E.* t. 12, f. 268, 1836.
Noctua didyma, *Esp.? S.* iv. (378) t. 126, *Noct.* 47, f. 7, 1788—95.
Var. *f.* Noctua furca, *Haw. L. B.* 209, 1810.
Apamea furca, *Step. H.* iii. 10, 1829. *Wood, I. E.* t. 12, f. 271, 1836.
Var. *g.* Noctua rava, *Haw. L. B.* 209, 1810.
Apamea oculea, *West. & H. l. c.* f. 7.

c. Callierges.

Callierges, p., *Hüb. V.* 244, 1816.

4. Apamea ophiogramma. The Double-lobed. B. M.

Noctua ophiogramma, *Esp. S.* iv. *Sup.* 10, t. 182, *Noct:* 103, 1801?

Apamea ophiogramma, *Step. H.* iii. 11, 1829. *West. & H. M.* i. 178, t. 37, f. 10, 1843.

Noctua bilobina, *Haw.* (*Pr.* 18, 1802).

Noctua biloba, *Haw. L. B.* 209, 1810.

133. MIANA.

Miana, *Step.* (*Cat.* ii. 86, 1829). *Id. H.* iii. 11, 1829.

a. Oligia.

Oligia, *Hüb. V.* 213, 1816.

1. Miana strigilis. The Marbled Minor. B. M.

Phalæna-N. strigilis, *Linn. S. Nat.* i. 516, 1758.

Miana strigilis, *Step. H.* iii. 12, 1829. *West. & H. M.* i. 181, t. 38, f. 2—4, 1843.

Noctua præduncula, *Schiff.* (*W. V.* 89, 1776).

Var. *a.* Noctua strigilis, *Haw. L. B.* 214, 1810. *West. & H. l. c.* f. 2.

Var. *b.* Noctua latruncula, *Schiff.* (*W. V.* 89, 1776).

Miana latruncula, *Step. H.* iii. 13, 1829. *Wood, I. E.* t. 13, f. 275.

Noctua ærata, *Esp. S.* iv. (468) t. 146, *Noct.* 67, f. 4—6, 1789—96.

Phalæna-N. meretricula, *Bork. E. S.* iv. 187, 1792.

Var. *c.* Noctua Æthiops, *Haw. L. B.* 215, 1810.

Miana Æthiops, *Step. H.* iii. 13, 1829. *West. & H. l. c.* f. 4.

2. Miana furuncula. The Cloaked Minor. B. M.

Noctua furuncula, *Schiff.* (*W. V.* 89, 1776).

Noctua humeralis, *West. & H. M.* i. 180, t. 38, f. 5—8, 1843.

Var. *a.* Phalæna-N. bicoloria, *Bork. E. S.* iv. 190, 1792.

Noctua humeralis, *Haw. L. B.* 215, 1810.

Miana humeralis, *Step. H.* iii. 14, 1829. *West. & H. l. c.* f. 5.

Var. *b.* Noctua erratricula, *Hüb.? No.* t. 115, f. 537, 1813.
Var. *c.* Noctua vinetuncula, *Hüb.? No.* t. 20, f. 96, 1798.
Var. *d.* Noctua terminalis, *Haw. L. B.* 215, 1810.
Miana terminalis, *Step. H.* iii. 14, 1829. *Wood, I. E.* t. 13, f. 278.
Var. *e.* Noctua rufuncula, *Haw. L. B.* 216, 1810.
Miana rufuncula, *Step. H.* iii. 14, 1829. *West. & H. l. c.* f. 9.

3. Miana literosa. The Rosy Minor.

Noctua literosa, *Haw. L. B.* 213, 1810.
Miana literosa, *Step. H.* iii. 12, 1829. *Wood, I. E.* t. 13, f. 273.
Apamea suffuruncula, *Och.* (*S.* iv. 76, 1816). *Treit. S.* v. 2, 97, 1825.

4. Miana fasciuncula. The Middle-barred Minor. B. M.

Noctua fasciuncula, *Haw. L. B.* 215, 1810.
Miana fasciuncula, *Step. H.* iii. 15, 1829. *West. & H. M.* i. 181, t. 38, f. 10, 1845.
Var. *a.* Apamea rubeuncula, *Donzel.—Ann. E. S. Fr.* vii. 430, t. 12, f. 3, 4, 1838.

134. CELÆNA.

Celæna, *Step.* (*Cat.* ii. 87, 1829). *Id. H.* iii. 15, 1829.

1. Celæna Haworthii. Haworth's Minor. B. M.

Apamea Haworthii, *Cur. B. E.* vi. t. 260, 1829.
Celæna Haworthii, *Step. H.* iii. 16, 1829.
Noctua morio, *Evers.—Bull. S. I. Mosc.* iii. 550, 1842.
Noctua erupta, *Frey. B.* v. 150, t. 472, f. 1, 2, 1845.
Noctua digramma, —— *MSS.?*
Var. *a.* Noctua hibernica, *Haw. MSS.*
Celæna hibernica, *Step. H.* iii. 17, 1829. *Wood, I. E.* t. 13, f. 285.
Var. *b.* Celæna lancea? *Step. H.* iii. 18, 1829. *Wood, I. E.* t. 13, f. 284.
Var. *c.* Apamea tripuncta. (*Cur. B. E.* vi. *fo.* 260, 1829).
Noctua leucographa, *Esp.?—Steph.* (*Cat. No.* 6249, 1829).
Celæna leucographa, *Step.* (*Cat. l. c. supra*).

135. HAMA.

Hama, *Step.* (*Cat.* ii. 84, 1829). *Id. H.* iii. 4, 1829.
Luperina, p., *Bois. I. M.* 2 ed. 1840.

a. Ogygia.

Ogygia, p., *Hüb. V.* 224, 1816.

1. Hama basilinea. The Rustic Shoulder-knot. B. M.
Noctua basilinea, *Schiff.* (*W. V.* 78, 1776).
Hama basilinea, *Step. H.* iii. 5, 1829. *West. & H. M.* i. 170, t. 35, f. 7, 8, 1842.
Noctua nebulosa, *View. T. V.* ii. 55, 1790.

b. Exarnis.

Exarnis, p., *Hüb. V.* 225, 1816.

2 Hama testacea. The Flounced Rustic. B. M.
Noctua testacea, *Schiff.* (*W. V.* 81, 1776).
Hama testacea, *Step. H.* iii. 5, 1829. *West. & H. M.* i. 171, t. 35, f. 9, 1842.
Noctua lunatostrigata, *Haw. L. B.* 194, 1810.
Var. *a.* Noctua unca, *Haw. L. B.* 194, 1810.
Var. *b.* Noctua X.-notata, *Haw. L. B.* 194, 1810.

3. Hama Ypsilon. The Dingy Shears. B. M.
Noctua Ypsilon, *Schiff.* (*W. V.* 78, 1776).
Noctua corticea, *Esp. S.* iv. (463), t. 146, *Noct.* 66, f. 1, 2. 1789—98.
Noctua fissipuncta, *Haw. L. B.* 197, 1810.
Orthosia Upsilon, *Cur.* (*B. E.* v. *fo.* 237, 1828). *Step. H.* ii. 149, 1829. *West. & H. M.* i. 140, t. 27, f. 12, 1842.

c. Raphia.

Raphia, p., *Hüb. V.* 212, 1816.

4. Hama connexa. The Union Rustic. B. M.
Phalæna-N. connexa, *Bork. E. S.* iv. 360, 1792.
Hama connexa, *Step. H.* iii. 6, 1829. *West. & H. M.* i. 171, t. 35, f. 10, 1843.

Noctua pabulatricula, *Scrib. B.* iii. 259, 1793.
Noctua Elota, *Hüb. No.* t. 98, f. 462, 1810.

d. DIATARAXIA.

Diataraxia, p., *Hüb. V.* 219, 1816.

5. HAMA SORDIDA. The Large Nutmeg. B. M

Phalæna-N. sordida, *Bork. E. S.* iv. 578, 1792.
Noctua contigua, *Haw. L. B.* 192, 1810.
Noctua anceps, *Hüb. No.* t. 102, f. 484, 1811.
Apamea infesta, *Och.* (*S.* iv. 76, 1816). *Treit. S.* v. 2, 112, 1825.
Hama aliena, *Step. II.* iii. 4, 1829. *West. & H. M.* i. 170, t. 35, f. 6, 1843.

e. THOLERA.

Tholera, p., *Hüb. V.* 214, 1816.

6. HAMA FURVA. The Dusky Brocade. B. M.

Noctua furva, *Schiff.* (*W. V.* 81, 1776).
Mamestra anceps? *West. & H. M.* i. 175, t. 36, f. 15, 1842.

136. CRYMODES.

Crymodes? *Guén.*—(*Ann. E. S. Fr.* x. 238, 1841).
Chera, p., *Hüb. V.* 211, 1816.

1. CRYMODES TEMPLI.* The Brindled Ochre.

Noctua Templi, *Thunb. I. S.* iv. 56, 1792.
Polia? Templi, *Step. II.* iii. 31, t. 36, f. 1, ♂.

Sub-F. VI. HADENIDI.

Hadenidi, *Guén.—Ann. E. S. Fr.* vii. 201, 1838.

137. EUPLEXIA.

Euplexia, *Step.* (*Cat.* ii. 84, 1829). *Id. H.* iii. 3, 1829.
Trigonophora, p., *Hüb. V.* 217, 1816.
Aplecta B., *Guén.—Ann. E. S. Fr.* vii. 220, 1838.

1. EUPLEXIA LUCIPARA. The Small Angleshades. B. M.

Phalæna-N. lucipara, *Linn. S. Nat.* i. 518, 1758.
Euplexia lucipara, *Step. H.* iii. 3, 1829.
Phlogophora lucipara, *Cur. B. E.* xiii. t. 619, 1836.
Phalæna-N. dubia, *Hüfn.—(Berl. M.* iii, 404, 1769).
Noctua flavo-macula, *Fab. M.* ii. 117, 1787.

138. MAMESTRA.

Mamestra, *Och.* (*S.* iv. 76, 1816, 3). *Treit. S.* v. 2, 127, 1825.

a. MELANCHRA.

Melanchra, *Hüb. V.* 207, 1816.

1. MAMESTRA PERSICARIÆ. The Dot. B. M.

Phalæna-N. Persicariæ, *Linn. F.* ii. No. 1208, 1761.
Mamestra Persicariæ, *Step. H.* ii. 196, 1829. *West. & H. M.* i. 175, t. 36, f. 11, 12, 1843.
Phalæna-N. Sambuci, *Hüfn.—(Berl. M.* iii. 308, 1769).

b. MAMESTRA.

Mamestra, *Hüb. V.* 214, 1816, 9.

2. MAMESTRA PISI. The Broom Moth. B. M.

Phalæna-N. Pisi, *Linn. S. Nat.* i. 517, 1758.
Mamestra Pisi, *Step. H.* ii. 192, 1829. *West. & H. M.* i. 172, t. 36, f. 2, 3, 1843.
Aber.? Mamestra splendens? *Step. H.* ii. 192, 1829.

c. DIATARAXIA.

Diataraxia, p., *Hüb. V.* 219, 1816.

3. MAMESTRA OLERACEA. The Bright-line Broom-eye. B. M.

Phalæna-N. oleracea, *Linn. S. Nat.* i. 517, 1758.
Mamestra oleracea, *Step. H.* ii. 193, 1829. *West. & H. M.* i. 173, t. 36, f. 4, 5, 1843.
Phalæna-N. monstrosa, *Vill. E.* ii. 248, 1789.
Phalæna-N. Spinachiæ, *Bork. E. S.* iv. 454, 1792.

4. MAMESTRA SUASA. The Dog's Tooth. B. M.

Noctua suasa, *Schiff.* (*W. V.* 83, 1776).
Mamestra suasa, *Step. H.* ii. 193, 1829. *West. & H. M.* i. 173, t. 36, f. 6, 1843.
Phalæna-N. W-Latinum, *Hüfn.*—(*Berl. M.* iii. 294, 1769).
Noctua dissimilis, *Knoch, B.* i. 57, 1781.
Noctua dens-canis, *Haw. L. B.* 190, 1810.
Var. *a.* Noctua leucographa, *Esp. S.* iv. (491), t. 150, *Noct.* 71, f. 3, 1789—97.

5. MAMESTRA CHENOPODII. The Nutmeg. B. M.

Noctua Chenopodii, *Schiff.* (*W. V.* 82, 1776).
Mamestra Chenopodii, *Step. H.* ii. 195, 1829. *West. & H. M.* i. 175, t. 36, f. 13, 14, 1843.
Phalæna-N. Trifolii, *Hüfn.*—(*Berl. M.* iii. 398, 1769).
Noctua verna, *Esp. S.* iv. (272), t. 117*a*, *Noct.* 38*a*, f. 5, 6, 1787—91.
Noctua saucia, *Esp. S.* iv. (505), t. 152, *Noct.* 73, f. 5, 1789—97.
Noctua infraina, *Haw.* (*Pr.* 18, 1802).
Var.? *a.* Mamestra cinereus,* *Cur.* (*G.* 150, 1831).

d. HADENA.

Hadena, p., *Hüb. V.* 216, 1816.

6. MAMESTRA NIGRICANS. The Dusky Nutmeg.

Noctua nigricans, *View. T. V.* ii. 66, 1790.
Mamestra nigricans, *Step. H.* ii. 193, t. 24, f. 12, 1829.

Noctua abjecta, *Hüb. No.* t. 116, f. 539, 1813.
Var. *a.* Noctua lunulina, *Haw.* (*Pr.* 19, 1802). *Id. L. B.* 192, 1810.
Graphiphora ? lunulina, *Step. H.* ii. 130, 1829.

e. BARATHRA.

Barathra, *Hüb. V.* 218, 1816.

7. MAMESTRA ALBICOLON. The White Colon. B. M.

Noctua albicolon, *Hüb. No.* t. 117, f. 542, 543, 1813.
Mamestra albicolon, *Step. H.* ii. 195, t. 24, f. 3, 1829.

8. MAMESTRA BRASSICÆ. The Cabbage Moth. B. M.

Phalæna-N. Brassicæ, *Linn. S. Nat.* i. 516, 1758.
Mamestra Brassicæ, *Step. H.* ii. 194, 1829. *West. & H. M.* i. 174, t. 36, f. 8, 9, 1843.
Aber. Noctua albidilinea, *Haw. L. B.* 191, 1810.
Mamestra albidilinea, *Step. H.* ii. 195, 1829.

139. HADENA.

Hadena, *Schr.* (*F. B.* ii. 2, 158, 1802).
Hadena, p., *Och.* (*S.* iv. 72, 1816).

a. ASTRAPETIS.

Astrapetis, *Hüb. V.* 218, 1816.

? 1. HADENA ARCTICA. The Barred Arches.

Hadena arctica, *Bois. Ic.—teste Bois.* (*I. M.* ii. 120, 1840).
Noctua satura, *Haw. L. B.* 187, 1810.
Hadena amica ? *Step. H.* ii. 180, t. 21, f. 2, 1829.

2. HADENA SATURA.* The Beautiful Arches.

Noctua satura, *Schiff.* (*W. V.* 83, 1776). *Hüb. No.* t. 16, f. 75, 1798.
Noctua porphyrea, *Esp. S.* iv. (465), t. 145, *Nort.* 66, f. 5, 1789—96.

3. HADENA ASSIMILIS. The Northern Arches.
Hadena assimilis, *Doub.—Zool.* v. 1914, 1847.

4. HADENA ADUSTA. The Dark Brocade. B. M.
Noctua adusta, *Esp. S.* iv. 483, t. 149, *Noct.* 70, f. 1, 2, 1789—97.
Hadena adusta, *Step. H.* ii. 181, 1829. *West. & H. M.* i. 161, t. 33, f. 1, 1842.
Noctua porphyrea, *Scriba. B.* ii. 145, 1791.
Phalæna-N. aquilina, *Bork. E. S.* iv. 381, 1792.
Noctua duplexina, *Haw.* (*Pr.* 18, 1802).
Noctua duplex, *Haw. L. B.* 190, 1810.
Noctua valida, *Hüb. No.* t. 133, f. 606, 1816.
Var. *a.* Hadena satura, *Step. H.* ii. 181, 1829.

5. HADENA THALASSINA. The Pale-shouldered Brocade. B. M.
Phalæna-N. Thalassina, *Hüfn.* ?—(*Berl. M.* iii. 298, 1766).
Hadena Thalassina, *Step. H.* ii. 182, 1829. *West. & H. M.* i. 162, t. 33, f. 3, 1842.
Noctua humeralis, *Haw. L. B.* 190, 1810.
♂. Noctua Achates, *Hüb. No.* t. 106, f. 498, 1811.
♀. Noctua gemina, *Hüb. No.* t. 102. f. 483, 1811.

6. HADENA GENISTÆ. The Light Brocade. B. M.
Phalæna-N. Genistæ, *Bork. E. S.* iv. 355, 1792.
Hadena Genistæ, *Step. H.* ii. 183, 1829. *West. & H. M.* i. 163, t. 33, f. 5, 6, 1842.
Noctua W-Latinum, var., *Esp. S.* iv. (426), t. 136, *Noct.* 57, f. 3, 1788—95.
Phalæna dives, *Don. B. I.* x. 71, t. 352, f. 1, 1801.
Noctua leucophina, *Haw.* (*Pr.* 18, 1802).
Noctua rectilinea, *Haw. L. B.* 189, 1810.

7. HADENA CONTIGUA. The Beautiful Brocade. B. M.
Noctua contigua, *Schiff.* (*W. V.* 82, 1776).
Hadena contigua, *Step. H.* ii. 184, 1829. *West. & H. M.* i. 163, t. 33, f. 5, 6, 1842.
Phalæna-N. Spartii, *Bork. E. S.* iv. 352, 1792.

Noctua Ariæ, *Esp. S.* iv. (547), t. 160, *Noct.* 81, f. 8, 1789—98.
Noctua dives, *Haw. L. B.* 189, 1810.
Var. *a.* Noctua pulchellina, *Haw.* (*Pr.* 18, 1802).

b. Apamea.

Apamea, p., *Guén.—Ann. E. S. Fr.* vi. 337, 1837.
Luperina, p., *Bois.* (*I. M.* 2 ed. 115, 1840).

8. Hadena gemina. The Brown Pinioned Brocade. B. M.
Hadena gemina, *Och.* (*S.* iv. 72, 1816). *Treit. S.* v. 1, 345, 1825.
Phalæna-N. satura, *Bork. E. S.* iv. 377, 1792.
♂. Noctua gemina, *Hüb. No.* t. 102, f. 482, 1811.
Mamestra? furva, *Step. II.* ii. 191, 1829.
Var. *a.* Noctua remissa, *Hüb. No.* t. 90, f. 423, 1806.
Hadena remissa, *Step. II.* ii. 181, 1829. *West. & H. M.* i. 162, t. 33, f. 2, 1842.
Var. *b.* Noctua oblonga, *Haw. L. B.* 188, 1810.
Hadena oblonga, *Step. II.* ii. 182, 1829.
Var. *c.* Noctua obscura, *Haw. L. B.* 189, 1810.
Hadena obscura, *Step. II.* ii. 184, 1829.
Var. *d.* Noctua anceps, *Dup. L. F.* vii. 109, t. 107, f. 5, 1827.
Var. *e.* Noctua submissa, *Dahl.* (*C. & L.* 1823).

9. Hadena dentina. The Shears. B. M.
Noctua dentina, *Schiff.* (*W. V.* 82, 1776).
Phalæna-N. plebeia, *Linn. Mus.*
Noctua plebeia, *Haw. L. B.* 198, 1810.
Hadena plebeia, *Step. II.* ii. 185, 1829. *West. & H. M.* i 161, t. 33, f. 9, 10, 1842.
Var. *a.* Noctua nana, *Esp. S.* iv. (486), t. 149, *Noct.* 70, f. 1, 5, 1789—97.
Var. *b.* Noctua leucostigma, *Haw. L. B.* 198, 1810.
Hadena leucostigma, *Step. II.* ii. 186, 1829. *Wood, I. E.* t. 12, f. 211, 1834.
Var. *c.* Hadena longina, *Cur.* (*G.* 2 ed. 183, 1837).
Var. *d.* Hadena Latenai, *Pier.—Ann. E. S. Fr.* vi. 177, t. 8, f. 3, 1837.

c. ÆTHRIA.

Æthria, p., *Hüb. V.* 218, 1816.

10. HADENA GLAUCA. The Glaucous Shears. B. M.

Noctua glauca, *Hüb. No.* t. 87, f. 410, 1806.
Hadena glauca, *Step. H.* ii. 185, 1829. *West. & H. M.* i. 164, t. 33, f. 7, 8, 1842.
♂ ? Hadena? Lappo, *Dalm.?—Dup. L. F.* vii. 255, t. 116, f. 3, 1827.
Var. *a.* Noctua aperta, *Hüb.-G. No.* t. 189, f. 800, 1826.

d. DICHONIA.

Dichonia, *Hüb.* (*V.* 217, 1816).

11. HADENA PROTEA. The Brindled Green. B. M.

Noctua Protea, *Schiff.* (*W. V.* 84, 1776).
Hadena Protea, *West. & H. M.* i. 166, t. 34, f. 3, 4, 1842.
Phalæna-N. nebulosa, *Bork. E. S.* iv. 158, 1792.
Noctua virescens, *Retz. teste, Fab. E. S.* iv. 2, 103, 1794.
Noctua virensina, *Haw.* (*Pr.* 15, 1802).
Noctua seladonia, *Fab. l. c. Haw. L. B.* 199, 1810.
Hadena seladonia, *Step. H.* iii. 133, 1829.

140. XYLOCAMPA.

Xylocampa, *Guén.—Ann. S. E. Fr.* vi. 277, 1837.
Dichonia, p., *Hüb. V.* 217, 1816.
Cleophana, p., *Treit. Sup.* ii. 118, 1835.

1. XYLOCAMPA LITHORIZA. The Early Gray. B. M.

Phalæna-N. Lithoriza, *Bork. E. S.* iv. 339, 1792.
Hadena? Lithoriza, *Step. H.* ii. 187, 1829. *West. & H. M.* i. 165, t. 34, f. 2, 1842.
Noctua arcola, *Esp. S.* iv. (448), t. 111, *Noct.* 62, f. 4, 1788—96.
Noctua operosa, *Hüb. No.* t. 85, f. 398, 1805.

141. NEURIA.

Neuria, *Guén.*—(*Ann. E. S. Fr.* x. 241, 1841).
Heliophobus, p., *Bois.* (*I. M.* 69, 1829).
Hadena A., *Treit. S.* v. 1, 303, 1825.

1. NEURIA SAPONARIÆ. The Bordered Gothic. B. M.

Phalæna-N. Saponariæ, *Bork. E. S.* iv. 370, 1792.
Hadena? Saponariæ, *Step. H.* ii. 184, 1829. *West. & H. M.* i. 168, t. 34, f. 11, 1842.
Phalæna-N. reticulata, *Vill.? E.* ii. 254, 1789.
Noctua Calcatrippæ, *View.? T. V.* ii. 71, 1790.
Noctua typica, *Hüb. No.* t. 12, f. 58, 1797.
Noctua typicoidina, *Haw.* (*Pr.* 17, 1802).
Noctua marginosa, *Haw. L. B.* 195, 1810.

142. HELIOPHOBUS.

Heliophobus, *Bois.* (*I. M.* 69, 1829).

a. NEURONIA.

Neuronia, p., *Hüb. V.* 215, 1816.

1. HELIOPHOBUS POPULARIS. The Feathered Gothic. B. M.

Noctua Popularis, *Fab. M.* ii. 133, 1787.
Heliophobus Popularis, *Step. H.* ii. 189, 1829.
Noctua Graminis, *Schiff.* (*W. V.* 82, 1776).
Bombyx Lolii, *Esp. S.* iii. 246, t. 48, f. 1—5, 1784.
Phalæna typicoides, *Don. B. I.* xv. 1, t. 505, 1811.

2. HELIOPHOBUS HISPIDUS.* The Beautiful Gothic.

Noctua hispida, *Hüb. No.* t. 166, f. 781—5, ♂, 786, ♀, 1828.
Noctua hirta, *Dup. L. F.* vi. 275, t. 90, f. 3, 1826.
Heliophobus pilosus, *Bois. I. M.* 70, 1829.

b. LUPERINA.

Luperina, p., *Bois.* (*I. M.* 77, 1829).

3. HELIOPHOBUS? DUMERILII*. The Pale-feathered Rustic.

Noctua Dumerilii, *Dup. L. F.* vi. 277, t. 90, f. 4, 1826.
Luperina Dumerili, *Dup.—Bois. I. M.* 77, 1829.

143. PACHETRA.

Pachetra, *Guén.*—(*Ann. E. S. Fr.* x. 241, 1841).
Mamestra, p., *Hüb. V.* 214, 1816.
Heliophobus, p., *Bois.* (*I. M.* 69, 1829).
Luperina †, *Bois. I. M.* 2 ed. 113, 1840.

1. PACHETRA LEUCOPHÆA. The Feathered Ear. B. M.

Noctua leucophæa, *Schiff.* (*W. V.* 82, 1776).
Heliophobus leucophæus, *Step. H.* ii. 190, t. 24, f. 1, ♀, 1829.
Noctua fulminea, *Fab. G.* 282, 1777.
♂. Bombyx vestigialis, *Esp. S.* iii. 270, t. 53, f. 4, 1784.
♀. Noctua ravida, *Esp. S.* iv. (462), t. 145, *Noct.* 65, f. 1, 1789—96.

144. DIANTHECIA.

Dianthecia, *Bois. I. M.* 2 ed. 124, 1840.

a. HADENA.

Hadena, p., *Hüb. V.* 216, 1816.

1. DIANTHECIA CUCUBALI. The Campion. B. M.

Noctua Cucubali, *Schiff.* (*W. V.* 84, 1776).
Hadena? Cucubali, *Step. H.* ii. 187, 1829. *Cur. B. E.* vii. t. 308, 1830.
Noctua rivularis, *Fab. S. E.* 613, 1775.
Noctua triangularis, *Thunb. I. S.* 3, 1784.

2. DIANTHECIA CAPSINCOLA. The Lychnis. B. M.

Noctua Capsincola, *Schiff.* (*W. V.* 84, 1776).
Hadena? Capsincola, *Step. II.* ii. 188, 1829. *West. & H. M.* i. 167, t. 34, f. 7—10, 1842.
Phalæna-N. bicruris, *Hüfn.* ?—(*Berl. M.* iii. 302, 1769).
Noctua rivularis, var., *Fab. E. S.* iii. 2, 101, 1794.

b. NEURONIA.

Neuronia, p., *Hüb. V.* 216, 1816.

3. DIANTHECIA PERPLEXA. The Tawny Shears. B. M.

Noctua perplexa, *Schiff.* (*W. V.* 312, 1776).
Phalæna-N. carpophaga, *Bork. E. S.* iv. 422, 1792.
Noctua concinna, var. lepida, *Esp. S.* iv. (500), t. 152, f. 2, 1789—97.
Var. *a.* Noctua ochracea, *Haw. L. B.* 199, 1810.
Hadena? ochracea, *Step. H.* ii. 186, 1829. *West. & H. M.* i. 165, t. 34, f. 1, 1844.

c. HARMODIA.

Harmodia, *Hüb. V.* 207, 1816.

4. DIANTHECIA ALBIMACULA.* The Beautiful Coronet. B. M.

Phalæna-N. albimacula, *Bork. E. S.* iv. 149, 1792.
Miselia? albimacula, *Step. II.* iii. 26, 1829. *West. & H. M.* i. 187, t. 39, f. 16, 1843.
Noctua compta, *Esp. S.* iv. (274), t. 117, *A. Noct.* 38*a*, f. 7, 1787—91.
Noctua concinna, *Hüb. No.* t. 11, f. 51, 1798?
Noctua conserta, *Hüb.* (*V.* 207, 1816).

5. DIANTHECIA CONSPERSA. The Marbled Coronet. B. M.

Noctua conspersa, *Schiff.* (*W. V.* 71, 1776).
Noctua annulata, *Fab. G.* 281, 1777.
Noctua nana, *Rottenberg.—Naturf.* ix. 132, 1778.
Noctua variegata, *Haw.* (*Pr.* 17, 1802).
Noctua compta, *Haw. L. B.* 179, 1810.
Miselia? compta, *Step. II.* iii. 26, 1829. *West. & H. M.* i. 187, t. 39, f. 15, 1843.
Var. *a.* Noctua X-scriptum, *Sow. B. M.* i. 117, t. 55, 1803.

145. EREMOBIA.

Eremobia, *Step. H.* iii. 94, 1829, 9.
Atypha, p., *Hüb. V.* 214, 1816.
Ilarus, p., *Bois.* (*I. M.* 76, 1829).
Ilarus, *Bois. I. M.* 2 ed. 125, 1840.

1. EREMOBIA OCHROLEUCA. The Dusky Sallow. B. M.

Noctua ochroleuca, *Schiff.* (*W. V.* 87, 1776).
Eremobia ochroleuca, *Step. H.* iii. 95, 1829. *West. & H. M.* i. 228, t. 50, f. 5, 1843.
Noctua flamma, *Fab. M.* ii. 164, 1787.
Phalæna citrina, *Don. B. I.* x. 36, t. 340, f. 2, 1801.
Var. *a*. Phytometra bifasciosa, *Haw. L. B.* 266, 1810.

146. POLIA.

Polia, *Och.* (*S.* iv. 73, 1816). *Treit. S.* v. 2, 5, 1825.
Poliæ, *Hüb. V.* 210, 1816.

a. ANTITYPE.

Antitype, *Hüb. V.* 216, 1816.

1. POLIA CHI. The July Chi. B. M.

Phalæna-N. Chi, *Linn. S. Nat.* i. 514, 1758.
Polia Chi, *Step. H.* iii. 34, 1829. *West. & H. M.* i. 192, t. 40, f. 15, 1842.
Var. *a*. Polia olivacea, *Step. H.* iii. 325, 1830.

b. ÆTHRIA.

Æthria, p., *Hüb. V.* 218, 1816.

2. POLIA SERENA. The Broad-barred White. B. M.

Noctua serena, *Schiff.* (*W. V.* 84, 1776).
Polia serena, *Step. H.* iii. 33, 1829. *West. & H. M.* i. 192, t. 40, f. 13, 14, 1842.
Phalæna-N. bicolorata, *Hüfn.*—(*Berl. M.* iii. 410, 1769).
Noctua bicolor, *View. T. V.* ii. 69, 1790.
Phalæna par, *Don. B. I.* x. 32, t. 338, f. 3, 1801.

c. Xanthopastis.

Xanthopastis, *Hüb. V.* 211, 1816.

3. Polia dysodea. The Ranunculus. B. M.

Noctua dysodea, *Schiff.* (*W. V.* 72, 1776).
Polia dysodea, *Step. H.* iii. 32, 1829. *West. & H. M.* i. 191 t. 40, f. 11, 12, 1842.
Phalæna-N. ornata, *Vill. E.* ii. 280, 1789.
Noctua flavicincta minor, *Esp. S.* iv. (513), t. 153, *Noct.* 74, f. 6, 7, 1789—97.
Noctua Spinaciæ, *View. T. V.* ii. 70, 1790.
Phalæna-N. chrysozona, *Bork. E. S.* iv. 264, 1792.
Noctua Ranunculina, *Haw.* (*Pr.* 17, 1802).

4. Polia flavicincta. The Large Ranunculus. B. M.

Noctua flavicincta, *Schiff.* (*W. V.* 72, 1776).
Polia flavicincta, *Step. H.* iii. 32, 1829. *West. & H. M.* i. 191, t. 40, f. 9, 10, 1842.
Noctua undulata, *Goëz. E. B.* iii. 204, 1783.
Phalæna-N. discolor, *Vill. E.* ii. 280, 1789.
Noctua flavicincta major, *Esp. S.* iv. (507), t. 153, *Noct.* 74, f. 1—3, 1789—97.
Phalæna-N. dysodea, *Bork. E. S.* iv. 262, 1792.

147. EUMICHTIS.

Eumichtis, *Hüb. V.* 211, 1816.
Epunda, *Dup. C.* 141, 1846.

1. Eumichtis Lichenea. The Feathered Ranunculus.

Polia Lichenea, *Hüb. No.* t. 122, f. 562, ♂, f. 563, ♀, 1814.

148. EUROIS.

Eurois, *Hüb. V.* 218, 1816.
Polia B., *Och.* (*S.* iv. 74, 1816).
Aplecta, *Guén.—Ann. E. S. Fr.* vii. 217, 1838.

1. Eurois advena. The Pale Shining Brown. B. M.

Noctua advena, *Schiff.* (*W. V.* 77, 1776).
Polia advena, *Step. H.* iii. 28, 1829. *West. & H. M.* i. 189, t. 40, f. 1, 1842.
Noctua celatina, *Haw.* (*Pr.* 17, 1802).
Var. *a.* Noctua nitens, *Haw. L. B.* 188, 1810.
Noctua nitensina, *Haw.* (*Pr.* 17, 1802).
Polia nitens, *Step. H.* iii. 28, 1829.

2. Eurois tincta. The Silvery Arches. B. M.

Noctua tincta, *Brahm, I. K.* ii. 393, 1791.
Polia tincta, *Step. H.* iii. 29, 1829. *West. & H. M.* i. 189, t. 40, f. 6, 1842.
Noctua occulta, *Fab. M.* ii. 166, 1787.
Noctua trimaculosa, *Esp. S.* iv. 400, t. 131, *Noct.* 52, f. 5, 1788—95.
Noctua advena, *View. T. V.* ii. 55, 1790.
Noctua hepatica, *Hüb. No.* t. 16, f. 77, 1798.
Noctua argentina, *Haw. L. B.* 186, 1810.

3. Eurois occulta. The Great Brocade. B. M.?

Phalæna-N. occulta, *Linn. S. Nat.* i. 514, 1758.
Polia occulta, *Cur.? B. E.* vi. t. 248, 1829, 2. *Step. H.* iii. 29, 1829, 7.

4. Eurois nebulosa. The Gray Arches. B. M.

Phalæna-N. nebulosa, *Hüfn.*—(*Berl. M.* iii. 418, 1769).
Polia nebulosa, *West. & H. M.* i. 189, t. 40, f. 2, 3, 1843.
Noctua polyodon, *Fab. S. E.* 616, 1775.
Noctua transversa, *Gesen. H.* 170, 1786.
Noctua bimaculosa, *Esp. S.* iv. (403) t. 132, *Noct.* 53, f. 1, 2, 1788—95.
Polia bimaculosa, *Step. H.* iii. 28, 1829.
Phalæna Noctua Thapsi, *Brahm. I. K.* ii. 135, 1791.
Noctua plebeia, *Hüb. No.* t. 16, f. 78, 1798.
Phalæna grandis, *Don. B. I.* x. 51, t. 345, f. 1, 1801.

5. Eurois Herbida. The Green Arches. B. M.

Noctua Herbida, *Schiff.* (*W. V.* 313, 1776).
Polia Herbida, *Step. H.* iii. 30, 1829. *West. & H. M.* i. 190, t. 40, f. 7, 8, 1843.

Noctua egregia, *Esp. S.* iv. (297), t. 149, *Noct.* 40, f. 7, 1789—92.
Phalæna-N. Jaspidea, *Bork. E. S.* iv. 440, 1792.
Noctua prasina, *Fab. E. S.* iii. 2, 1794.
Noctua Ligustrina, *Haw.* (*Pr.* 15, 1802).
Noctua mixtina, *Haw.* (*Pr.* 17, 1802).
Noctua mixta, *Haw. L. B.* 187, 1810.

149. TRACHEA.

Trachea, *Hüb. V.* 219, 1816.

1. Trachea Atriplicis. The Wild Arrach. B. M.

Phalæna-N. Atriplicis, *Linn. S. Nat.* i. 517, 1758.
Trachea Atriplicis, *Step. H.* iii. 22, 1829. *Cur. B. E.* ix. t. 431, 1832.

150. HAPALIA.

Hapalia, *Hüb. V.* 220, 1816.
Actebia, *Step.* (*Cat.* ii. 78, 1829). *Id. H.* iii. 20, 1829.
Spælotis, †††, *Bois.* (*I. M.* 2 ed. 107, 1840).

1. Hapalia præcox. The Portland Moth. B. M.

Phalæna-N. præcox, *Linn. S. Nat.* i. 517, 1758.
Actebia præcox, *Step. H.* iii. 21, 1829. *Cur. B. E.* xii. t. 539, 1835.
Noctua præceps, *Schiff.* (*W. V.* 82, 1776).

151. AGRIOPIS.

Agriopis, *Bois. I. M.* 2 ed. 123, 1840.
Pœcilia, p., *Hüb. V.* 204, 1816.
Chariptera, p., *Guén.*—(*Ann. E. S. Fr.* x. 213, 1841).

1. Agriopis Aprilina. The Marvel-du-Jour. B. M.

Phalæna-N. Aprilina, *Linn. S. Nat.* i. 514, 1758.
Miselia Aprilina, *Step. H.* iii. 25, 1829. *West. & H. M.* i. 187, t. 39, f. 13, 14, 1843.
Noctua runica, *Schiff.* (*W. V.* 70, 1776).

152. VALERIA.

Valeria, *Germar.—Step. H.* iii. 22, 1829.
Meganephria, p., *Hüb. V.* 206, 1816.
Miselia,† *Bois. I. M.* 2 ed. 124, 1840.

1. VALERIA OLEAGINA. The Green Brindled Dot. B. M.

Noctua oleagina, *Schiff.* (*W. V.* 59, 1776). *Sow. B. M.* i. 77, t. 37, 1805.
Valeria oleagina, *Step. H.* iii. 23, 1829.

153. MISELIA.

Miselia, *Treit. S.* v. 1, 386, 1825.
Meganephria, p., *Hüb. V.* 206, 1816.

1. MISELIA OXYACANTHÆ. The Ealing's Glory. B. M.

Phalæna-N. Oxyacanthæ, *Linn. S. Nat.* i. 516, 1758.
Phalæna Oxyacanthæ, *Don. B. I.* v. 73, t. 165, 1796.
Miselia Oxyacanthæ, *Step. H.* iii. 24, 1829.

2. MISELIA BIMACULOSA. The Double-spot Brocade. B. M.

Phalæna-N. bimaculosa, *Linn. S. Nat.* ii. 856, 1767.
Miselia bimaculosa, *Cur. B. E.* iv. t. 177, 1827. *Step. H.* iii. 24, 1829.
Noctua bimaculosa Italica, *Esp. S.* iv. t. 157, *Noct.* 78, f. 5, 1789.
Noctua binubeculosa, *Esp. S.* iv. 528, 1798.

154. THYATIRA.

Thyatira, *Och.—Hüb. V.* 236, 1816.
Strophia, *Meig. E. S.* iii. 174, 1832.

a. CALLEIDA.

Calleida, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

1. THYATIRA BATIS. The Peach-blossom. B. M.

Phalæna-N. batis, *Linn. S. Nat.* i. 509, 1758.
Thyatira batis, *Cur. B. E.* ii. t. 72, 1825. *Step. H.* iii. 48, 1829.

b. HABROSYNE.

Habrosyne, *Hüb. V.* 236, 1816.

2. THYATIRA DERASA. The Buff Arches. B. M.

Phalæna-N. derasa, *Linn. S. Nat.* ii. 851, 1767.
Thyatira derasa, *Step. H.* iii. 47, 1829. *West. & H. M.* i. 201, t. 41, f. 13, t. 42, f. 114, 1843.

Sub-F. VII. BOMBYCOIDI.

Bombycoidi, *Bois.* (*I. M.* 60, 1829).
Apatelæ, *Hüb. V.* 199, 1816.

155. DIPHTERA.

Diphtera, *Och.* (*S.* iv. 63, 1816, 3).
Moma, *Hüb. V.* 203, 1816, 9.
Diphthera, *Treit. S.* v. 1, 47, 1825.

a. MOMA.

Moma, *Hüb. ut supra.*

1. DIPHTERA ORION. The Scarce Marvel-du-Jour. B. M.

Noctua Orion, *Esp. S.* iv. (283), t. 148, *Noct.* 39, f. 4—7, 1791—89.
Diphtera Orion, *Step. H.* iii. 46, 1829. *Cur. B. E.* ix. t. 404, 1832.
Noctua ludificiana, *Haw.* (*Pr.* 15, 1802).
Var. ? *a.* Noctua Aprilina, *Schiff.* (*W. V.* 70, 1776).
Phalæna-N. runica, *Gmel. S. N.* i. 5, 2561, 1788.
Diphtera runica, *Step. H.* iii. 46, 1829.

156. TRIÆNA.

Triæna, *Hüb. V.* 200, 1816.
Acronycta, p., *Step. H.* iii. 39, 1829.
Semaphora, *Guén.*—(*Ann. E. S. Fr.* x. 235, 1841).

1. TRIÆNA PSI. The Gray Dagger. B. M.

Phalæna-N. Psi, *Linn. S. Nat.* i. 524, 1758.
Acronycta Psi, *Step. H.* iii. 39, 1829. *West. & H. M.* i. 198, t. 42, f. 5; t. 41, f. 116, 1842.
Noctua tridens, *Hüb. No.* t. 1, f. 4, 1797.
Var. *a.* Acronycta cuspis, *Step. H.* iii. 40, 1829.

2. TRIÆNA TRIDENS. The Dark Dagger. B. M.

Noctua tridens, *Schiff.* (*W. V.* 67, 1776).
Acronycta tridens, *Step. H.* iii. 40, 1829. *West. & H. M.* i. 198, t. 42, f. 7; t. 42, f. 18, 1842.
Noctua Psi, *Hüb. No.* t. 1, f. 5, 1797.

157. ACRONYCTA.

Acronycta, *Och.* (*S.* iv. 62, 1816). *Treit. S.* v. 1, 3, 1825.
Cometa, *Sodoff.—Bull. S. I. Mosc.* 12, 1837.

a. POLYMIXIS.

Polymixis, p., *Hüb. V.* 205, 1816.

1. ACRONYCTA LIGUSTRI. The Coronet. B. M.

Noctua Ligustri, *Schiff.* (*W. V.* 70, 1776).
Acronycta Ligustri, *Step. H.* iii. 38, 1829. *West. & H. M.* i. 194, t. 42, f. 1; t. 41, f. 112, 1842.
Noctua Coronina, *Haw.* (*Pr.* 17, 1802).
Var. *a.* Noctua Coronulina, *Haw.* (*Pr.* 17, 1802).
Noctua Coronula, *Haw. L. B.* 179, 1810.

b. JOCHEÆRA.

Jocheæra, *Hüb. V.* 201, 1816.

2. ACRONYCTA ALNI. The Alder. B. M.

Phalæna-N. Alni, *Linn. S. Nat.* ii. 845, 1767.
Acronycta Alni, *Step. H.* iii. 38, 1829. *West. & H. M.* i. 195, t. 42, f. 3; t. 41, f. 114, 1842.
Noctua degener, *Schiff.*—(*W. V.* 70, 1776).

c. Hyboma.

Hyboma, *Hüb. V.* 200, 1816.

3. Acronycta strigosa.* The Marsh Dagger.

Noctua strigosa, *Schiff.* (*W. V.* 88, 1776).
Acronycta strigosa, *Step. H.* iii. 30, 1829. *Wood, I. E.* t. 52, f. 1667.
Noctua favillacea, *Esp. S.* iv. (382), t. 127, f. 4, 1788—95.
Phalæna-N. favillacea, *Bork. E. S.* iv. 217, 1792.

d. Pharetra.

Pharetra, *Hüb. V.* 202, 1816.

4. Acronycta auricoma. The Scarce Dagger. B. M.

Noctua auricoma, *Schiff.* (*W. V.* 67, 1776).
Acronycta auricoma, *Step. H.* iii. 41, 1829. *West. & H. M.* i. 196, t. 42, f. 9; t. 41, f. 101, 1842.
Phalæna lunulata, *Müll. Z. D. Pr.* 104, 1786.
Var. *a.* Noctua Pepli, *Hüb. No.* t. 134, f. 614, 1816.
Var. *b.* Noctua similis, *Haw. L. B.* 180, 1810.
Acronycta similis, *Step. H.* iii. 41, 1829.
Var. *c.* Noctua Menyanthedis, *Haw. L. B.* 180, 1810.

5. Acronycta Menyanthidis. The Light Knot-Grass. B. M.

Noctua Menyanthidis, *View. T. V.* ii. 50, 1790. *Esp. S.* iv. (461), t. 144, *Noct.* 65, f. 5, 1788—96.
Acronycta Menyanthidis, *Step. H.* iii. 43, t. 27, f. 1, 1829.
Acronycta Menyanthedis, *West. & H. M.* i. 196, t. 42, f. 11, 1842.

e. Arctomyscis.

Arctomyscis, p., *Hüb. V.* 202, 1816.

6. Acronycta Rumicis. The Knot-Grass. B. M.

Phalæna-N. Rumicis, *Linn. S. Nat.* i. 516, 1758.
Acronycta Rumicis, *Step. H.* iii. 43, 1829. *West. & H. M.* i. 197, t. 42, f. 15; t. 41, f. 121, 1842.

Var. *a.* Noctua Euphorbiæ, *Haw. L. B.* 178, 1810.
Acronycta Euphorbiæ, *Step. H.* iii. 43, 1829. *Wood, I. E.* t. 14, f. 320.
Var. *b.* Acronycta Euphrasiæ, *Step. H.* iii. 43, 1829.

7. ACRONYCTA SALICIS. The Willow.

Acronycta Salicis, *Cur. B. E.* iii. t. 136, 1826.
Acronycta Euphorbiæ, *Wood, I. E.* t. 14, f. 320. (Var. præc.)?

8. ACRONYCTA EUPHORBIÆ. The Spurge. B. M.

Noctua Euphorbiæ, *Schiff.* (*W. V.* 67, 1776). *Hüb. No.* t. 114, f. 529, ♂; t. 3, f. 12, ♀, 1797—1813.
Var.? *a.* Noctua Cyparissiæ, *Hüb. No.* t. 134, f. 615, ♀, 1816.

9. ACRONYCTA MEGACEPHALA. The Poplar Gray. B. M.

Noctua megacephala, *Schiff.* (*W. V.* 67, 1776).
Acronycta megacephala, *Step. H.* iii. 37, 1829. *West. & H. M.* i. 195, t. 42, f. 16; t. 41, f. 142, 1842.
Noctua Rumicis, *Esp. S.* iv. t. 117, *Noct.* 38, f. 7, 9, 1788.
Phalæna-N. macrocephala, *Vill. E.* 175, 1789.
Noctua areaina, *Haw.* (*Pr.* 17, 1802).

158. APATELA.

Apatela, *Step. H.* iii. 34, 1829.

a ARCTOMYSCIS.

Arctomyscis, p., *Hüb. V.* 202, 1816.

1. APATELA ACERIS. The Sycamore. B. M.

Phalæna-N. Aceris, *Linn. S. Nat.* i. 514, 1758.
Apatela Aceris, *Step. H.* iii. 36, 1829. *West. & H. M.* i. 194, t. 41, f. 5, 6; t. 42, f. 17, 1842.
Var. *a.* Noctua candelisequa, *Esp. S.* iv., *Sup.* 39, t. 191, *Noct.* 112, f. 1, 1793?
Noctua infuscata, *Haw. L. B.* 177, 1810.
Apatela Aceris, *West. & H. M. l. c.* t. 41, f. 6.
☿. Acronycta Aceris,* *Wing.—Tr. Ent. Soc.* v. 120, t. 14, f. 7, 1849, herm.

b. Acronycta.

Acronycta, *Hüb. V.* 20, 1816.

2. Apatela Leporina. The Miller. B. M.

Phalæna-N. Leporina, *Linn. S. Nat.* i. 510, 1758.
Apatela Leporina, *Step. II.* iii. 35, 1829. *West. & H. M.* i. 193, t. 41, f. 1; t. 42, f. 13, 1842.
Noctua Bradyporina, *Hüb. No.* t. 124, f. 570, 571, 1814.
Var. *a.* Acronycta Bradyporina, *Treit. S.* v. i. 9, 1825. *Step. H.* iii. 36, 1829. *West. & H. M.* i. 193, t. 41, f. 4; t. 42, f. 12, 1842.
Noctua Leporina, *Hüb. No.* t. 4, f. 16, 1797.

Sub-F. VIII. BRYOPHAGIDI.

Bryophagidi, *Guén.—Ann. S. E. Fr.* vi. 322, 1837.

159. BRYOPHILA.

Bryophila, *Treit. S.* v. 1, 57, 1825.

a. Pœcilia.

Pœcilia, p., *Hüb. V.* 204, 1816.

1. Bryophila glandifera. The Marbled Green. B. M.

Noctua glandifera, *Schiff.* (*W. V.* 70, 1776).
Bryophila glandifera, *Step. II.* iii. 44, 1829. *West. & H. M.* i. 199, t. 41, f. 8, t. 42, f. 19, 1842.
Noctua Lichenis, *Fab. S. E.* 614, 1775.
Noctua Lichenes, *Fab. M.* ii. 173, 1787.
Var. *a.* Noctua Par, *Hüb. No.* t. 110, f. 515, 1812.

b. Metachrostis.

Metachrostis, *Hüb. V.* 204, 1816.

2. Bryophila Perla. The Marbled Beauty. B. M.

Noctua Perla, *Schiff.* (*W. V.* 70, 1776).
Bryophila Perla, *Step. H.* iii. 45, 1829. *West. & H. M.* i. 199, t. 41, f. 10, 1843.
Phalæna-N. glandifera, *Bork. E. S.* iv. 128, 1792.
Noctua Litophila, *Scrib. B.* iii. 262, 1793.

Sub-F. IX. NOCTUO-BOMBYCIDI.

Noctuo-Bombycidi, *Guén.*—(*Ann. E. S. Fr.* x. 236, 1841).
Noctuo-Bombycini, *Bois.* (*I. M.* 58, 1829).

160. CERATOPACHA.

Ceratopacha, *Step. H.* iii. 331, 1831.
Ceropacha, *Step.* (*Cat.* ii. 95, 1829). *Id. H.* iii. 51, 1829.
Cymatophora, B., b., *Treit. S.* v. 1, 77, 1825.

a. TETHEA.

Tethea, *Hüb. V.* 237, 1816.

1. CERATOPACHA FLUCTUOSA. The Satin Carpet. B. M.
Noctua fluctuosa, *Hüb. No.* t. 44, f. 212, 1799.
Ceratopacha fluctuosa, *Step. H.* iii. 51, 1829. *West. & H. M.* i. 202, t. 43, f. 1, 1843.
Noctua similina, *Haw.* (*Pr.* 12, 1802).

2. CERATOPACHA DUPLARIS. The Lesser Satin Carpet. B. M.
Phalæna-N. duplaris, *Linn. F.* ii. No. 1357, 1761.
Ceratopacha duplaris, *Step. H.* iii. 52, 1829. *West. & H. M.* i. 202, t. 43, f. 2, 1843.
Phalæna-N. bipuncta, *Bork. E. S.* iv. 627, 1792.
Noctua bicolor, *Esp. S.* iv. *Sup.* 70, t. 197, *Noct.* 18, f. 4, 1793?
Bombyx binotata, *Fab. E. S.* iii. 1, 486, 1793.
Noctua undosa, *Hüb. No.* t. 44, f. 211, 1799.
Noctua dissimilina, *Haw.* (*Pr.* 14, 1804).

b. ASPHALIA.

Asphalia, *Hüb.* 238, 1816.

3. CERATOPACHA DILUTA. The Lesser Lutestring. B. M.
Noctua diluta, *Schiff.* (*W. V.* 87, 1776).
Ceratopacha diluta, *Step. H.* iii. 52, 1829. *West. & H. M.* i 203, t. 43, f. 3, 4, 1843.

Noctua octogena, *Esp. S.* iv. t. 128, *Noct.* 49, f. 6, 1788.
Phalæna-N. fasciculosa, *Bork. E. S.* iii. 326, 1790.
Bombyx undata, *Fab. E. S.* iii. 1, 451, 1793.

c. PALIMPSESTIS.

Palimpsestis, *Hüb. V.* 237, 1816.

4. CERATOPACHA OR. The Poplar Lutestring. B. M.

Noctua Or, *Schiff.* (*W. V.* 87, 1776).
Ceratopacha Or, *Step. H.* iii. 53, 1829.
Phalæna-N. δ-græcum, *Vill. E.* ii. 251, 1789.
Noctua octogena, *Esp. S.* iv. t. 128, *Noct.* 49, f. 5, 1788.
Phalæna-N. consobrina, *Bork. E. S.* iv. 632, 1792.
Phalæna gemina, *Beck.—Linn. Tr.* ii. 4, t. 1, f. 4—6, 1794.
Noctua flavicornis, *Haw. L. B.* 252, 1810.

5. CERATOPACHA OCULARIS. The Figure-of-Eighty.

Phalæna-N. ocularis, *Linn. S. Nat.* ii. 837, 1767.
Noctua octogessima, *Hüb. Beit.* i. 13, t. f. G., 1786.
Ceratopacha octogessima, *Step. H.* iii. 53, t. 27, f. 2, 1829, 8.
Noctua octogena, *Esp. S.* iv. (388), t. 128, *Noct.* 49, f. 4, 1788—95.
Phalæna-N. Or, *Bork. E. S.* iv. 620, 1792.
Tethea octogena, *Cur. B. E.* vi. t. 272, 1829, 8.
Cymatophora octogezima, *Dup.* (*C.* 101, 1846).

6. CERATOPACHA FLAVICORNIS. The Yellow-horned. B. M.

Phalæna-N. flavicornis, *Linn.*? *S. Nat.* i. 518, 1758.
Ceratopacha flavicornis, *Step. H.* iii. 54, 1829. *West. & H. M.* i. 203, t. 43, f. 7, 8, 1843.
Noctua luteicornis, *Haw. L. B.* 252, 1810.

d. POLYPHOCA.

Polyphoca, *Hüb. V.* 273, 1816.
Cymatophora, B., a., p., *Treit. S.* v. 1, 86, 1825.

7. CERATOPACHA RIDENS. The Frosted Green. B. M.

Noctua ridens, *Fab. M.* ii. 180, 1787.
Ceratopacha ridens, *Step. H.* iii. 55, 1829. *West. & H. M.* i. 205, t. 43, f. 9, 10, 1843.

Noctua flavicornis, *Schiff.* (*W. V.* 72, 1776).
Noctua putris, *Rottem.—Naturf.* viii. 108, 1781?
Noctua erythrocephala, *Esp. S.* iv. (309), t. 121, *Noct.* 42, f. 1—5, 1788—92.
Phalæna chrysoceros, *Beck.—Linn. Tr.* ii. 3, t. 1, f. 1—3, 1794.
Noctua xanthoceros, *Hüb. No.* t. 43, f. 205, 1799.

161. CLEOCERIS.

Cleoceris, *Bois. I. M.* 2 ed. 93, 1840.
Bombycia, *Step. II.* iii. 57, 1829.
Raphia, p., *Hüb. V.* 212, 1816.
Cymatophora, B., c., *Treit. S.* v. 1, 104, 1825.
Chymatophora, p., *Guén.—Ann. E. S. Fr.* vi. 315, 1837.

1. CLEOCERIS VIMINALIS. The Minor Shoulder-knot. B. M.

Noctua Viminalis, *Fab. G. M.* 284, 1777.
Bombycia Viminalis, *Step. II.* iii. 58, 1829.
Cleoceris Viminalis, *West. & II. M.* i. 206, t. 44, f. 5, 1843.
Phalæna-N. Saliceti, *Bork. E. S.* iv. 632, 1792.
Bombyx stricta, *Esp. S.* iii. *Sup.* 30, t. 84, *Bomb.* 5, f. 5, 1794.
Noctua scripta, *Hüb. No.* t. 10, f. 50, 1797.

162. EUGRAMMA.

Eugramma, *Step. MSS.*
Ochria, p., *Hüb. V.* 233, 1816.
Tethea, B., a., p., *Treit. S.* v. 1, 84, 1825.
Cymatophora, *Step. II.* iii. 58, 1829.
Chymatophora, p., *Guén.—Ann. E. S. Fr.* vi. 315, 1837.
Cleoceris, p., *Bois. I. M.* 2 ed. 93, 1840.
Tethea, *Dup. C.* 102, 1846.

1. EUGRAMMA Oo. The Heart Moth. B. M.

Phalæna-B. Oo, *Linn. S. Nat.* i. 507, 1758.
Cymatophora Oo, *Step. II.* iii. 59, 1829.
Cleoceris Oo, *West. & II. M.* i. 206, t 44, f. 6, 7, 1843.
Noctua ferruginago, *Hüb. No.* t. 41, f. 195, 1799.
Var. *a.* Noctua renata, *Fab.? E. S.* iii. *b*, 85, 1794.
Noctua renago, *Haw. L. B.* 238, 1810.
Cymatophora Oo, *Wood, I. E.* t. 14, f. 339, 1836.

Sub-F. X. XANTHIDI.

Xanthidi, *Step. MSS.*

163. IPIMORPHA.

Ipimorpha, *Hüb. V.* 238, 1816.
Cymatophora, A., *Treit. S.* v. 1, 77, 1825.
Tethea, *Step. H.* iii. 55, 1829.
Kymatophora, *Sodoff.—Bull. S. I. Mosc.* 13, 1837.
Plastenis, *Bois. I. M.* 2 ed. 93, 1840.

1. IPIMORPHA SUBTUSA. The Olive. B. M.

Noctua subtusa, *Schiff.* (*W. V.* 88, 1776).
Tethea subtusa, *Step. H.* iii. 56, 1829.
Plastenis subtusa, *West. & H. M.* i. 205, t. 44, f. 1, 4, 1843.
Noctua tenuina, *Haw.* (*Pr.* 14, 1802).

2. IPIMORPHA RETUSA. The Double Kidney. B. M.

Phalæna-N. retusa, *Linn. F.* ii. No. 1218, 1761.
Tethea retusa, *Step. H.* iii. 56, 1829.
Plastenis retusa, *West. & H. M.* i. 205, t. 44, f. 2, 3, 1843.
Noctua vetula, *Hüb. Beit.* 1, 13, t. 11, f. II., 1786.
Phalæna chrysoglossa, *Beck.—Linn. Tr.* ii. 5, t. 1, f. 10, 11, 1791.
Noctua Caprææ, *Fab.? E. S.* iii. *b*, 26, 1794.
Var. *a.* Noctua gracilis, *Haw. L. B.* 251, 1810.
Tethea gracilis, *Step. H.* iii. 57, 1829. *Wood, I E.* t. 14, f. 337, 1836.
Noctua gracilina, *Haw.* (*Pr.* 14, 1802).

164. COSMIA.

Cosmia, *Och.* (*S.* iv. 81, 1816, 3). *Treit. S.* v. 2, 379, 1825.

a. EUSTEGNIA.

Eustegnia, *Hüb. V.* 236, 1816, 9.

1. COSMIA PYRALINA. The Lunar-spotted Pinion. B. M.

Noctua Pyralina, *Schiff.* (*W. V.* 88, 1776).
Cosmia Pyralina, *Step. H.* iii. 61, 1829. *West. & H. M.* i. 207, t. 14, f. 8, 9, 1843.
Phalæna-N. corusca, *Bork. E. S.* iv. 640, 1792.

2. Cosmia diffinis. The White-spotted Pinion. B. M.
Phalæna-N. diffinis, *Linn. S. Nat.* ii. 848, 1767.
Cosmia diffinis, *Step. H.* iii. 60, 1829. *West. & H. M.* i. 207. t. 44, f. 10, 11, 1843.
Noctua affinis, *Hüb. Beit.* i. 10, t. 1, f. E., 1786.
Phalæna-N. nacarata, *Vill. E.* ii. 264, 1789.

b. Calymnia.

Calymnia, *Hüb. V.* 235, 1816.

3. Cosmia affinis. The Lesser-spotted Pinion. B. M.
Phalæna-N. affinis, *Linn. S. Nat.* ii. 848, 1767.
Cosmia affinis, *Step. H.* iii. 61, 1829. *West. & H. M.* i. 207. t. 44, f. 12, 1843.
Noctua palliata, *Fab. E. S.* iii. 2, 38, 1794.

165. EUPERIA.

Euperia, *Guén.—Ann. E. S. Fr.* viii. 486, 1839.

a. Calymnia.

Calymnia, p., *Hüb. V.* 235, 1816.

1. Euperia trapetzina. The Dun-bar. B. M.
Phalæna-N. trapetzina, *Linn. S. Nat.* i. 510, 1758.
Cosmia trapetzina, *Step. H.* iii. 62, 1829. *Wood, I. E.* t. 15, f. 343, ♂, 1836. *West. & H. M.* 207, t. 44, f. 13, ♀, 1843.
Phalæna-N. rhombica, *Hüfn.—(Berl. M.* iii. 296, 1769).

b. Enargia.

Enargia, *Hüb. V.* 235, 1816.

2. Euperia fulvago. The Angle-striped Sallow. B. M.
Noctua fulvago, *Schiff.* (*W. V.* 86, 1776).
Cosmia fulvago, *Step. H.* iii. 62, 1829. *West. & H. M.* i. 208. t. 44, f. 14, ♂, 1843.

Noctua paleacea, *Esp. S.* iv. (323), t. 122, *Noct.* 43, f. 3, 4, 1788—92.
Phalæna-N. gilvago, *Bork. E. S.* iv. 683, 1792.
Noctua angulago, *Hatchett.—Ent. Tr.* i. 274, t. 5, fig. sup. ♀, 1812.

166. XANTHIA.

Xanthia, *Och.* (*S.* iv. 82, 1816). *Treit. S.* v. 2, 341, 1825.

a. CITRIA.

Citria, *Hüb. V.* 234, 1816.

1. XANTHIA CERAGO. The Sallow. B. M.

Noctua cerago, *Schiff.* (*W. V.* 87, 1776).
Phalæna-N. fulvago, *Linn.? F.* ii. No. 1173, 1761.
Xanthia fulvago, *Step. H.* iii. 64, 1829. *West. & H. M.* i. 209, t. 45, f. 3, 4, 1843.
Phalæna-N. crocea, *Vill. E.* ii. 279, 1789.
Var. *a.* Noctua icteritia, *Goëze. B.* iii. 188, 1783.
Noctua flavescens, *Esp. S.* iv. (322), t. 122, *Noct.* 43, f. 2, 1788—92.
Var. *b.* Noctua gilvago, *Scrib. B.* ii. 141, t. x. f. 1, 1791.
Var. *c.* Noctua gilvago, *Haw. L. B.* 237, 1810.
Xanthia gilvago, *Step. H.* iii. 65, 1829. *Wood, I. E.* t. 15, f. 347, 1836.

2. XANTHIA FLAVAGO. The Pink-barred Sallow. B. M.

Noctua flavago, *Fab. M.* ii. 160, 1787.
Xanthia flavago, *Step. H.* iii. 64, 1829. *West. & H. M.* i. 209, t. 45, f. 1, 2, 1843.
Noctua togata, *Esp. S.* iv. (336), t. 124, *Noct.* 45, f. 1, 1788—92.
Phalæna-N. ochreago, *Bork. E. S.* iv. 671, 1792.
Noctua silago, *Hüb. No.* t. 40, f. 191, 1799.
Phalæna rubago, *Don. B. I.* x. 32, t. 338, f. 2, 1801.

b. MELLINIA.

Mellinia, *Hüb. V.* 235, 1816.

3. XANTHIA GILVAGO. The Dusky-lemon Sallow. B. M.

Noctua gilvago, *Schiff.* (*W. V.* 87, 1776).
Phalæna-N. ocellaris, *Bork. E. S.* iv. 647, 1792.
Var. *a.* Noctua palleago, *Hüb. No.* t. 40, f. 192, 1799.

c. OCHRIA.

Ochria, *Hüb. V.* 233, 1816.

4. XANTHIA AURAGO. The Barred Sallow. B. M.

Noctua aurago, *Schiff.* (*W. V.* 86, 1776).
Xanthia aurago, *Step. H.* iii. 65, 1829. *West. & H. M.* i. 210, t. 45, f. 5, 1843.
Noctua prætexta, *Esp. S.* iv. (338), t. 124, *Noct.* 45, f. 2. 1788—92.
Var. *a.* Phalæna-N. rutilago, *Bork. E. S.* iv. 675, 1792.
Var. *b.* Noctua fucata, *Esp. S.* iv. (341), t. 124, *Noct.* 45, f. 3, 4.

d. CIRRHIA.

Cirrhia, *Hüb. V.* 234, 1816.

5. XANTHIA CITRAGO. The Orange Sallow. B. M.

Phalæna-N. citrago, *Linn. S. Nat.* i. 518, 1758.
Xanthia citrago, *Step. H.* iii. 66, 1829. *West. & H. M.* i. 210, t. 45, f. 7, 8, 1843.
Noctua ochreago, *Hüb. Beit.* ii. 1, 10, t. 1, f. D., 1789.
Noctua aurago, *Lang. V.* ii. 145, 1789.

167. JODIA.

Jodia, *Hüb. V.* 234, 1816.
Xantholeuca, *Step. H.* iii. (36, 1829). *Id.* 329, 1831.
Lampetia, *Cur.* (*G.* 153, 1830).
Hoporina, *Bois. I. M.* 2 ed. 147, 1840.

1. JODIA CROCEAGO. The Orange Upperwing. B. M.

Noctua croceago, *Schiff.* (*W. V.* 86, 1776).
Xantholeuca croceago, *Step. H.* iii. 67, 1829. *West. & H. M.* i. 211, t. 45, f. 9, 10, 1843.
Noctua fulvago, *Esp. S.* iv. (678), t. 186, f. 3, 1790—1801?
Phalæna aurantiago, *Don. B. I.* v. 15, t. 150, f. 2, 3, 1796.
Phalæna-N. ferruginata, *Turt.-Gmel.* iii. 254, 1806.

168. ORBONA.

Orbona, *Hüb. V.* 232, 1816.

a. ORBONA.

Orbona, *Hüb. ut supra.*

1. ORBONA RUFINA. The Flounced Rustic. B. M.

Phalæna-N. rufina, *Linn. S. Nat.* i. 822, 1758.
Xanthia? rufina, *Step. H.* iii. 65, 1829.
Orbona rufina, *West. & H. M.* i. 211, t. 45, f. 11, 12, 1843.
Phalæna-N. helvola, *Linn. S. Nat.* i. 507, 1758.
Noctua catænata, *Esp. S.* iv. (327), t. 123, *Noct.* 44, f. 1, 2. 1788—92.
Noctua ferrugina, *Haw.* (*Pr.* 15, 1802).
Var. *a.* Phalæna-N. punica, *Bork. E. S.* iv. 687, 1792.

b. SIDERIDIS.

Sideridis, p., *Hüb. Nv.* t. 232, 1816.

2. ORBONA FERRUGINEA. The Brick. B. M.

Noctua ferruginea, *Schiff.* (*W. V.* 86, 1776).
Xanthia? ferruginea, *Step. H.* iii. 68, 1829.
Orbona ferruginea, *West. & H. M.* i. 212, t. 45, f. 13, 1843.
Phalæna-N. circellaris, *Hüb.*—(*Berl. M.* iii. 104, 1769).
Noctua undata, *View. T. V.* ii. 17, 1790.
Noctua fuscago, *Esp. S.* iv. (677), t. 176, *Noct.* 97, f. 5, 6, 1790, 1801?
Phalæna-N. undosa, *Bork. E. S.* iv. 753, 1792.
Noctua unimaculina, *Haw.* (*Pr.* 15, 1802).
Noctua macilenta, *Haw. L. B.* 239, 1810.
Orthosia? macilenta, *Step. H.* ii. 148, 1829.
Aber.? Noctua macilenta, *Hüb. No.* t. 119, f. 688, 1816.

169. ATETHMIA.

Atethmia, *Hüb. V.* 238, 1816.
Cirrœdia, *Guén.—Ann. E. S. Fr.* viii. 489, 1839.

1. ATETHMIA CENTRAGO. The Centre-barred Sallow. B. M.

Noctua centrago, *Haw. L. B.* 236, 1810.
Xanthia centrago, *Cur. B. E.* ii. t. 84, 1825.
Xanthia? centrago, *Step. H.* iii. 65, 1829.
Noctua xerampelina, *Hüb. No.* t. 90, f. 421, 1806.

170. SCOLIOPTERYX.

Scoliopteryx, *Germ. Pr.* 14, 1811.
Euphemias, *Hüb. V.* 248, 1816.
Calyptra, *Och.* (*S.* iv. 78, 1816).
Calpe, *Treit. S.* v. 2, 168, 1825.
Gonoptera, *Latr.* (*F. N.* 476, 1825).

1. SCOLIOPTERYX LIBATRIX. The Herald. B. M.

Phalæna-B. Libatrix; *Linn. S. Nat.* i. 507, 1758.
Phalæna Libatrix, *Don. B. I.* vi. 85, t. 216, 1797.
Calyptra Libatrix, *Step. H.* iii. 50, 1829.
Scoliopteryx Libatrix, *Step. H.* iii. 325, 1831.
Noctua modusta, *Müll. F. F.* 42, 1774.

Sub-F. XI. GORTYNIDI.

Gortynidi, *Dup. C.* 114, 1846.

171. GORTYNA.

Gortyna, *Och.* (*S.* iv. 82, 1816).

a. OCHRIA.

Ochria, p., *Hüb. V.* 233, 1816.

1. GORTYNA FLAVAGO. The Frosted Orange. B. M.

Noctua flavago, *Schiff.* (*W. V.* 86, 1776).
Gortyna flavago, *Step. H.* iii. 70, 1829. *West. & H. M.* i. 213, t. 47, f. 16, 17, 1843.

Noctua ochracea, *Hüb. Beit.* 1, 19, t. 2. f. M, 1786.
Noctua rutilago, *Fab. M.* ii. 160, 1787.
Phalæna Lappæ, *Don. B. I.* x. 35, t. 340, 1801.

b. GORTYNA.

Gortyna, *Hüb. V.* 232, 1816.
Hydræcia, p., *Guén.*—(*Ann. E. S. Fr.* x. 237, 1841).

2. GORTYNA MICACEA. The Rosy Rustic. B. M.

Noctua micacea, *Esp. S.* iv. (466), t. 145, *Noct.* 66, f. 6, 1789—96.
Gortyna micacea, *Cur. B. E.* vi. t. 252, 1829, 3. *Step. II.* iii. 69, 1829, 8.
Noctua Cypriaca, *Hüb. No.* t. 46, f. 224, 1799.

3. GORTYNA PETASITIS. The Butter-bur. B. M.

Gortyna Petasitis, *Doub.*—*Zool.* v. 1914, 1847.
Noctua Vindelicea, *Frey. B.* vi. 82, t. 531, f. 3, 1849.

Sub.-F. XII. CARADRINIDI.

Caradrinidi, *Step. MSS.*

172. MYTHIMNA.

Mythimna, *Och.* (*S.* iv. 78, 1816).
Mithymna, *Sodoff.*—*Bull. S. I. Mosc.* 14, 1837.
Leucania, p., *Guén.*—(*Ann. E. S. Fr.* x. 237, 1841).

a. ALETIA.

Aletia, *Hüb. V.* 239, 1816.

1. MYTHIMNA TURCA. The Double Line. B. M.

Phalæna-N. turca, *Linn. F. S.* ii. No. 1221, 1761.
Mythimna turca, *Step. II.* ii. 150, 1829. *West. & H. M.* i. 141, t. 29, f. 1, 2, 1842.
Phalæna-N. volupia, *Hüfn.* ?—(*Berl. M.* iii. 304, 1769).

b. LEUCANIA.

Leucania,† *Bois.* (*I. M.* 2 ed. 131, 1840).

2. MYTHIMNA CONIGERA. The Brown-line Bright-eye. B. M.

Noctua conigera, *Schiff.* (*W. V.* 84, 1776).
Mythimna conigera, *Step. H.* ii. 151, 1829. *West. & H. M.* i. 142, t. 29, f. 3, 4, 1842.
Noctua floccida, *Esp. S.* iv. (332), t. 123, *Noct.* 44, f. 5, 1788—92.

c. HYPHILARE.

Hyphilare, *Hüb. V.* 239, 1816.

3. MYTHIMNA LYTHARGYRIA. The Clay. B. M.

Noctua Lythargyria, *Esp. S.* iv. 341, t. 124, *Noct.* 45, f. 5, 6, 1788.
Phalæna-N punctum-album, *Vill. E.* ii. 282, 1789.
Noctua ferruginea, *Scrib. B.* ii. 149, 1791.
Noctua ferrago, *Fab. E. S.* iii. 2, 76, 1794.
Noctua grisea, *Fab.? E. S.* iii. 2, 69, 1794.
Mythimna grisea, *Step. H.* ii. 150, 1829. *West. & H. M.* i. 143, t. 29, f. 5, 1842.
Noctua unipunctina, *Marsh. MSS.—Haw.* (*Pr.* 15, 1802).
♀. Mythimna Lythargyria, *Step. H.* ii. 151, 1829. *West. & H. M.* i. 144, t. 29, f. 6, 1842.

173. MERISTIS.

Meristis, *Hüb. V.* 239, 1816.
Grammesia, *Step. H.* ii. 151, 1829.

1. MERISTIS QUERCUS. The Treble Lines. B. M.

Noctua Quercus, *Fab. S. E.* 594, 1775.
Noctua trilinea, *Schiff.* (*W. V.* 84, 1776).
Grammesia trilinea, *Step. H.* ii. 152, 1829. *West. & H. M.* i. 146, t. 29, f. 17, 1842.
Phalæna-N. trigrammica, *Hüfn.*—(*Berl. M.* iii. 408, 176?).

Noctua evidens, *Thunb. I. S.* 2, 1784.
Phalæna-N Quercicola, *Gmel. S. N.* i. 5, 2535, 1788.
Noctua trilinearina, *Haw.* (*Pr.* 19, 1802).
Var. *a.* Noctua approximans, *Haw. L. B.* 249, 1810.
Var. *b.* Noctua semifuscans, *Haw. L. B.* 249, 1810.

2. MERISTIS BILINEA. The Dark Treble Lines. B. M.

Noctua bilinea, *Hüb. No.* t. 45, f. 217, 1799.
Grammesia bilinea, *Step. H.* ii. 152, 1829.
Caradrina bilinea, *Cur. B. E.* xiv. t. 651, 1837.

174. CARADRINA.

Caradrina, *Och.—Hüb. V.* 230, 1816.

a. CARADRINA.

Caradrina, *Hüb. ut supra.*

1. CARADRINA BLANDA. The Rustic. B. M.

Noctua blanda, *Schiff.* (*W. V.* 77, 1776). *Hüb. No.* t. 34, f. 162, 1799.
Caradrina superstes, *Och.—Treit. S.* v. 2, 260, 1825. *Step. H.* ii. 159, 1829.
Caradrina Plantaginis, *West. & H. M.* i. 144, t. 29, f. 11, 1842.
Var. *a.* Noctua egens, *Haw. L. B.* 206, 1810.
Caradrina Alsines, *Step. H.* ii. 156, 1829. *Wood, I. E.* t. 11, f. 198.
Var. *b.* Noctua depunctina, *Haw.* (*Pr. App.* 7, 1802).
Noctua redacta, *Haw. L. B.* 206, 1810.
Caradrina redacta, *Step. H.* ii. 155, 1829. *Wood, I. E.* t. 11, f. 197.
Var. *c.* Noctua blanda, *Haw. L. B.* 208, 1810.
Caradrina ambigua? *Step. H.* ii. 155, 1829. *Wood, I. E.* t. 10, f. 196.
Var. *d.* Noctua xanthographa, *Haw. L. B.* 206, 1810.
Var. *e.* Noctua sordida, *Haw. L. B.* 207, 1810.
Var. *f.* Caradrina lævis, *Step. H.* ii. 157, 1829. *Wood, I. E.* t. 11, f. 200.
Var. *g.* Caradrina implexa, *Step. H.* ii. 156, 1829. *Wood, I. E.* t. 11, f. 199.

b. ELAPHRIA.

Elaphria, *Hüb. V.* 230, 1816.

2. CARADRINA MORPHEUS. The Mottled Rustic. B. M.
Phalæna-N. Morpheus, *Hüfn.*—(*Berl. M.* iii. 302, 1769).
Caradrina Morpheus, *Step. H.* ii. 157, 1829. *West. & H. M.* i. 145, t. 29, f. 13, 14, 1842.
Phalæna pulla, *Beck.?*—*Linn. Tr.* i. 2, t. i. f. 7, 9, 1791.
Var. *a.* Noctua Sepii, *Hüb. No.* t. 34, f. 161, 1799.
Caradrina Sepii, *Step. H.* ii. 158, 1829.

c. ATHETIS.

Athetis, p., *Hüb. V.* 209, 1816.

3. CARADRINA CUBICULARIS. The Pale-mottled Willow. B. M.
Noctua cubicularis, *Schiff.* (*W. V.* 72, 1776).
Caradrina cubicularis, *Step. H.* ii. 158, 1829. *West. & H. M.* i. 145, t. 29, f. 15, 1842.
Phalæna clavipalpis, *Scop.? E. C.* No. 526, 1763.
Phalæna-N. grisea, *Hüfn.*—(*Berl. M.* iii. 412, 1769).
Noctua 4-punctata, *Fab.? S. E.* 591, 1775.
Noctua leucoptera, *Thunb. I. S.* 41, t. 2, f. 13, 1791.
Noctua segetum, *Esp. S.* iv. (492), t. 150, *Noct.* 71, f. 4, 5, 1789—97.

d. TELMIA.

Telmia, *Hüb. V.* 227, 1816.

4. CARADRINA EXIGUA.* The Small-mottled Willow.
Noctua exigua, *Hüb. No.* t. 78, f. 362, 1804.
Var. *a.* Noctua fulgens,* *Hüb.-Ge. No.* t. 168, f. 796, 1826?

175. ACOSMETIA.

Acosmetia, *Step.* (*Cat.* ii. 110, 1829). *Id. H.* iii. 121, 1830.
Athetis, p., *Hüb.* (*V.* 209, 1816).

a. HYDRILLA.

Hydrilla, *Bois. I. M.* 2 ed. 138, 1840.

1. ACOSMETIA CALIGINOSA. The Reddish Buff. B. M.

Noctua caliginosa, *Hüb. No.* t. 100, f. 474, 1810.
Acosmetia caliginosa, *Step. H.* iii. 122, 1830. *Wood, I. E.* t. 17, f. 430.
Caradrina infida, *Och.* (*S.* iv. 93, 1816).
Var. *a.* Phytometra lutescens, *Haw. L. B.* 260, 1810.
Acosmetia lutescens, *Step. H.* iii. 122, 1830. *West. & H. M.* i. 244, t. 54, f. 3, 1843.
Hydrilla uliginosa, *Bois.*? *I. E.* 2 ed. 138, 1840.

b. CARADRINA.

Caradrina, p., *Bois. I. E.* 82, 1829.
Apamea, p., *Bois. I. E.* 2 ed. 116, 1840.
Miana, p., *Doub.*—(*List*, 7, 1847).

2. ACOSMETIA ARCUOSA. The Small-dotted Buff. B. M.

Phytometra arcuosa, *Haw. L. B.* 260, 1810.
Acosmetia arcuosa, *Step. H.* iii. 123, 1830. *West. & H. M.* i. 215, t. 54, f. 7, 1843.
Noctua arcuina, *Haw.* (*Pr.* 13, 1802).
Caradrina Duponchelii, *Bois. I. E.* 82, 1829.
♀. Noctua minima, *Haw. L. B.* 216, 1810.
Miana minima, *Step. H.* iii. 15, 1829.
Var. *a.* Noctua Airæ, *Frey. N. B.* ii. 106, t. 162, f. 1—3, 1836.
Var. *b.* Acosmetia Morrisii, *Dale.—Nat.* ii. 88, 1837.

176. STILBIA.

Stilbia, *Step.* (*Cat.* ii. 110, 1829). *Id. H.* iii. 124, 1830.
Ophiusa? *Bois. I. M.* 99, 1829.

1. Stilbia Anomala. The Anomalous.

Phytometra Anomala, *Haw.—Ent. Tr.* i. 336. 1812.
Geometra hybridata, *Hüb. Ge.* t. 96, f. 497—8, 1814.
Caradrina stagnicola, *Och.—Treit. S.* v. 2, 258, 1825.
Stilbia anomalata, *Step.* (*Cat.* ii. No. 6415, 1829). *Step. H.* iii. 125, 1830. *Cur. B. E.* xiv. t. 631, 1837. *West. & H. M.* i. 246, t. 54, f. 8, ♂, 9, ♀, 1843.
Ophiusa? Lathyri, *Bois. I. M.* 99, 1829.

Sub-F. XIII. NONAGRIDI.

Nonagridi, *Guén.—Ann. E. S. Fr.* vi. 326, 1827.
Nonagridæ, *Dup. C.* 114, 1846.

177. SENTA.

Senta, *Step. H.* iv. 297, 1834.
Nonagria, p., *Treit. S.* v. 2, 339, 1825.
Melia, B., *Cur.* (*B. E.* v. *fo.* 201, 1829).
Meliana, *Cur.* (*G.* ii. 205, 1837).
Chiloes, H.—*Schæff. S.* iii. 226, 1849.

1. Senta Ulvæ. The Silky Wainscot.

Noctua Ulvæ, *Hüb. No.* t. 139, f. 635, 636, 1816.
Melia (Meliana) sericea, *Cur.* (*B. E.* v. *fo.* 201, 1829).
Senta sericea, *Step. H.* iv. 298, 1834. *Wood, I. E.* t. 46, f. 1439.
Var. *a.* Tortrix? bipunctata,* *Haw.—Ent. Tr.* i. 337, 1812.
Senta anella, *Step. H.* iv. 297, 1834.

2. SENTA FLAMMEA. The Flame Wainscot. B. M.

Melia (Meliana) flammea, *Cur. B. E.* v. t. 201, 1829.
Senta flammea, *Step. H.* iv. 297, 1834.
Noctua Arundinis, *Haworth, MSS.*
Nonagria Arundinicola, *Doub.* (*List* 7, 1847).

178. CŒNOBIA.

Cœnobia, *Step. MSS.*
Nonagria, p., *Treit. S.* v. 2, 339, 1825.
Acosmetia, p., *Step. H.* iii. 120, 1829.

1. CŒNOBIA RUFA. The Small Rufous. B. M.

Phytometra rufa, *Haw. L. B.* 260, 1810.
Acosmetia rufa, *Step. H.* iii. 123, 1830. *Wood, I. E.* t. 17, f. 431.
Nonagria despecta, *Treit. S.* v. 2, 311, 1825.
Noctua despecta, *Hüb. No.* t. 160, f. 751, 752, 1826.
Acosmetia rufula, *Step.* (*Cat.* ii. No. 6411, 1829).
Var. *a.* Acosmetia lineola, *Step. H.* iii. 120, 1830. *Wood, I. E.* t. 17, f. 432.

179. NONAGRIA.

Nonagria, *Och.* (*S.* iv. 82, 1816).
Enteriona, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

a. SYMIRA.

Symira, p., *Hüb. V.* 240, 1816.

1. NONAGRIA FULVA. The Small Wainscot. B. M.

Noctua fulva, *Hüb. No.* t. 106, f. 496, 1810.
Noctua pygmina, *Haw.* (*Pr.* 13, 1802). *Id. L. B.* 176, 1811.
Leucania pygmina, *Step. H.* iii. 78, 1829. *West. & H. M.* i. 219, t. 47, f. 9, 1843.
Leucania Phragmatidis, *Step.* (*Cat.* ii. No. 6344, 1829).
Var. *a.* Leucania fluxa? *Step. H.* iii. 77, 1829. *Wood, I. E.* t. 15, f. 369.

Var. *b.* Leucania pallida, *Step. H.* iii. 78, 1829, *Wood, I. E.* t. 15, f. 371.
Var. *c.* Leucania neurica? *Step. H.* iii. 79, 1829. *Wood, I. E.* t. 15, f. 372.
Var. *d.* Leucania rosea, *Step. MSS.*
Var. *e.* Leucania palustris, *Step. MSS.*

2. NONAGRIA EXTREMA. The Tipped Wainscot. B. M.
Noctua extrema, *Hüb. No.* t. 88, f. 412, 1806.

b. CALAMIA.

Calamia, p., *Hüb.? V.* 240, 1816.

3. NONAGRIA HELLMANNI. The Mere Wainscot. B. M.
Noctua Hellmanni, *Frey. N. B.* v. 79, t. 429, f. 3, 1842?
Leucania? Hellmanni, *Ever. Lep. V.-U.* 270, 1844.
Var.? *a.* Noctua fluxa, *Hüb. No.* t. 88, f. 413, 1806.

c. NONAGRIA.

Nonagria, t., *Hüb. V.* 241, 1816.

4. NONAGRIA NEURICA. The Brown-veined Wainscot. B. M.
Noctua neurica, *Hüb. No.* t. 82, f. 381, 1804.

5. NONAGRIA GEMINIPUNCTA. The Twin-spotted Wainscot. B. M.
Noctua geminipuncta, *Hatchet.—Ent. Tr.* i. 327, t. 9, f. 2, 1812.
Noctua paludicola, *Hüb. No.* t. 139, f. 637, 1816.
Var.? *a.* Noctua guttans, *Hüb. No.* t. 137, f. 628, 629, 1816.

6. NONAGRIA CANNÆ. The Reed Wainscot. B. M.
Nonagria Cannæ, *Och.* (*S.* iv. 82, 1816). *Treit. S.* v. 2, 325, 1825. *West. & H. M.* i. t. 46, f. 11, 1843.
Noctua Algæ, *Esp. S.* iv. (441), t. 140, *Noct.* 61, f. 1, 2, 1788—96.
Noctua nervosa, *Lang. V.* ii. 142, 1789.
Noctua Arundinis, *Hüb. No.* t. 83, f. 386, 1805.

7. NONAGRIA TYPHÆ. The Bullrush. B. M.

Noctua Typhæ, *Thunb.? I. S.* 3, 1784. *Esp. S.* iv. (442), t. 140, *Noct.* 61, f. 3—5, 1788—96. *West. & H. M.* i. 214, t. 46, f. 1—3, 1843.
Noctua Arundinis, *Scheven.—Fab. M.* ii. 141, 1787.
Noctua latifolia, *Lang. V.* ii. 142, 1789.

d. LEUCANIA.

Leucania, p., *Bois. I. M.* 2 ed. 131, 1840.

8. NONAGRIA? CRASSICORNIS. The Large Wainscot. B. M.

Noctua crassicornis, *Haw. L. B.* 173, 1810.
Nonagria crassicornis, *Step. H.* ii. 72, 1829. *West. & H. M.* i. 214, t. 46, f. 4—10, 1843.
Noctua Bathyerga, *Frey. B.* ii. 122, t. 170, f. 1, 1836.
Var. *a.* Noctua pilicornis, *Haw.—Ent. Tr.* i. 336, 1812.
Nonagria pilicornis, *Step. H.* iii. t. 20, f. 1, 1829.
Var. *b.* Nonagria lutosa, *Cur.* (*G.* i. 154, 1830). *West. & H. M.* i. *l. c.* f. 9.

Sub-F. XIV. LEUCANIDI.

Leucanidi, *Guén.—Ann. E. S. Fr.* vi. 331, 1837.
Leucanides, *Bois. I. M.* 2 ed. 131, 1840.

180. LEUCANIA.

Leucania, *Och.* (*S.* iv. 81, 1816).
Donachlora, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

a. SYMIRA.

Symira, p., *Hüb. V.* 240, 1816.

1. LEUCANIA PUDORINA. The Striped Wainscot. B. M.

Noctua pudorina, *Schiff.* (*W. V.* 85, 1776).
Leucania pudorina, *Step. H.* iii. 80, 1829. *West. & H. M.* i. 218, t. 47, f. 13, 14, 1843.
Var. *a.* Noctua impudens, *Hüb. No.* t. 47, f. 309, 1800.

2. LEUCANIA IMPURA. The Smoky Wainscot. B. M.

Noctua impura, *Hüb. No.* t. 85, f. 396, 1805?
Leucania impura, *Step. H.* iii. 75, 1829. *West. & H. M.* i. 216, t. 47, f. 3, 4, 1842.
Noctua fuligosina, *Haw.* (*Pr.* 12, 1802).
Noctua fuliginosa, *Sam.* (*I.* 29, 1819).
Var. *a.* Noctua punctina, *Haw. L. B.* 174, 1810.
Leucania punctina, *Step. H.* iii. 75, 1829. *Wood, I. E.* t. 15, f. 563.

b. LEUCANIA.

Leucania, *Hüb. V.* 241, 1816.

3. LEUCANIA COMMA. The Shoulder-striped Wainscot. B. M.

Phalæna-N. Comma, *Linn. F.* ii. No. 1191, 1761.
Leucania Comma, *Step. H.* iii. 73, 1829. *West. & H. M.* i. 216, t. 47, f. 2, 1843.
Noctua pallens, *Esp. S.* iv. t. 90, *Noct.* 11, f. 2, 1787.
Noctua turbida, *Hüb. No.* t. 47, f. 228, 1800.
♀. Noctua congener (turbida), *Hüb. No.* t. 135, f. 618, 1816.
Noctua ramilinea, *Haw. MSS.*

4. LEUCANIA LITTORALIS. The Shore Wainscot. B. M.

Leucania litoralis, *Cur. B. E.* iv. t. 157, 1827.
Leucania littoralis, *Step. H.* iii. 74, 1829.

5. LEUCANIA OBSOLETA. The Obscure Wainscot. B. M.

Noctua obsoleta, *Hüb. No.* t. 48, f. 233, 1799.
Leucania obsoleta, *Step. H.* iii. 74, 1829. *West. & H. M.* i. 217, t. 47, f. 5, 1843.

6. LEUCANIA STRAMINEA. The Southern Wainscot. B. M.

Leucania straminea, *Treit. S.* v. 2, 297, 1825.
Nonagria Vectis, *Cur. B. E.* x. t. 459, 1833.
Nonagria? Vectis, *Step. H.* iv. 390, 1835.

7. LEUCANIA PALLENS. The Common Wainscot. B. M.

Phalæna-N. pallens, *Linn. S. Nat.* i. 510, 1758:
Leucania pallens, *Step. H.* iii. 76, 1829. *West. & H. M.* i. 217, t. 47, f. 7, 8, 1843.
Var. *a.* Noctua rufescens, *Haw. L. B.* 175, 1810.
Leucania rufescens, *Step. H.* iii. 76, 1829. *Wood. I. E.* t. 15, f. 366, 1836.
Var. *b.* Leucania arcuata, *Step. H.* iii. 76, 1829. *Wood, I. E.* t. 15, f. 364, 1836.
Var. *c.* Leucania suffusa, *Step. H.* iii. 77, 1829. *Wood, I. E.* t. 15, f. 367, 1836.
Noctua ectypa, *Hüb. ? No.* t. 48, f. 231, 1799.
Var. *d.* Leucania ochracea, *Step. H.* iii. 77, 1829. *Wood, I. E.* t. 15, No. 368.
Var. *e.* Phalæna-N. pallida, *Bork. ? E. S.* iv. 713, 1792.

181. CALAMIA.

Calamia, *Hüb. V.* 240, 1816.
Symira, p., *Step.* (*Cat.* ii. 102, 1829).

1. CALAMIA PHRAGMITIDIS. The Fen Wainscot. B. M.

Noctua Phragmitidis, *Hüb. No.* t. 47, f. 330, 1801.
Calamia Phragmitis, *Hüb.* (*V.* 240, 1816).
Noctua semicana, *Esp. S.* iv., *Sup.* 34, t. 189, *Noct.* 110, f. 5, 1802.
Symira musculosa, *Step.* (*C.* ii. No. 6350, 1829).
Leucania Phragmatidis, *West. & H. M.* i. t. 47, f. 16; t. 48, f. 1, 1843.

182. SIMYRA.

Simyra, *Och.* (*S.* iv. 81, 1816, 3). *Treit. S.* v. 2, 280, 1825.
Symira, p., *Hüb. V.* 240, 1816, 9.
Asema, *Sodoff.—Bull. S. I. Mosc.* 14, 1837.

1. SIMYRA VENOSA. The Powdered Wainscot. B. M.

Phalæna-N. venosa, *Bork. E. S.* iv. 716, 1792.
Simyra venosa, *Step. H.* iii. 82, 1829. *West. & H. M.* i. 220, t. 48, f. 3, 1843.
Noctua albovenosa, *Goëz. ? E. B.* iii. 251, 1780.
Noctua degener, *Hüb. No.* t. 81, f. 380, 1804.
Noctua atomina, *Haw.* (*Pr.* 13, 1802). *Id. L. B.* 175, 1810.

183. ORIA.

Oria, *Hüb. V.* 240, 1816.
Simyra, p., *Step. H.* iii. 81, 1829.
Synia, *Dup. C.* 120, 1846.

1. ORIA MUSCULOSA. The Tawny-veined Wainscot.

Noctua musculosa, *Hüb. No.* t. 78, f. 363, 1804.
Leucania musculosa, *West. & H. M.* i. t. 48, f. 2, 1843.
Phalæna-N. pudorina, *Bork. E. S.* iv. 720, 1792.
Simyra nervosa, *Step. H.* iii. 82, 1829.

Sub-F. XV. CUCULLIDI.

Cucullidi, *Step. MSS.*

184. PHLOGOPHORA.

Phlogophora, *Treit. S.* v. 1, 869, 1825.
Trigonophora, p., *Hüb. V.* 217, 1816.
Solenoptera, *Dup. C.* 134, 1846.

1. PHLOGOPHORA METICULOSA. The Angle-shades. B. M.

Phalæna-N. meticulosa, *Linn. S. Nat.* i. 513, 1758.
Phlogophora meticulosa, *Step. H.* iii. 83, 1829. *West. & H. M.* i. 221, t. 48, f. 5, 6, 1843.

185. CUCULLIA.

Cucullia, *Schr. F. B.* ii. 2, 157, 1802.
Lophia, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.

a. CUCULLIA.

Cucullia, *Hüb. V.* 246, 1816.

1. CUCULLIA VERBASCI. The Mullein. B. M.

Phalæna-N. Verbasci, *Linn. S. Nat.* i. 515, 1758.
Cucullia Verbasci, *Step. H.* iii. 85, 1829. *West. & H. M.* i. 221, t. 48, f. 7, 8, 1843.

2. CUCULLIA SCROPHULARIÆ. The Water Betony.

Noctua Scrophulariæ, *Schiff.* (*W. V.* 312, 1776).
Cucullia Scrophulariæ, *Step. H.* iii. 85, 1829. *West. & H. M.* i. 222, t. 48, f. 9, 10, 1843.
Phalæna Vebasci, *Don. B. I.* viii. 13, t. 257, 1799.

CUCULLIA LYCHNITIS. The Striped Lychnis. B. M.

Cucullia Lychnitis, *Ramb.—Ann. E. S. Fr.* ii. 17, t. 1, f. 3 *c*, 1833. *West. & H. M.* i. 223, t. 48, f. 13, 14, 1843.
Cucullia Scrophulariæ, var., *Treit.* (*Sup.* ii. 129, 1835).

b. EUDERÆA.

Euderæa, *Hüb.* (*V.* 245, 1816).

4. CUCULLIA ASTERIS. The Starwort. B. M.

Noctua Asteris, *Schiff.* (*W. V.* 312, 1776).
Cucullia Asteris, *Cur. B. E.* i. t. 45, 1824. *Step. H.* iii. 86, 1829.

c. EUCALIMIA.

Eucalimia, *Hüb. V.* 245, 1816.

5. CUCULLIA GNAPHALII.* The Shepherd's Purse. B. M.

Noctua Gnaphalii, *Hüb. No.* t. 126, f. 582, 583, 1815.
Cucullia Gnaphalii, *Step. H.* iii. 90, 1829.
Cucullia Thapsiphaga, *Step. H.* iii. 87, 1829.
Cucullia Solidaginis, *Step.—Tr. Ent. S.* ii. 57, t. 3, f. 7, 1837.

6. CUCULLIA ABSINTHII. The Wormwood. B. M.

Phalæna-N. Absinthii, *Linn. F.* ii. No. 1182, 1761.
Cucullia Absinthii, *Step. H.* iii. 96, 1829. *West. & H. M.* i. 225, t. 49, f. 5, 1843.
Phalæna-N. punctigera, *Hüfn.*—(*Berl. M.* iii. 416, 1769).

d. Callænia.

Callænia, *Hüb. V.* 246, 1816.

7. Cucullia Umbratica. The Shark. B. M.

Phalæna-N. Umbratica, *Linn. S. Nat.* i. 515, 1758.
Cucullia Umbratica, *Step. H.* iii. 87, 1829. *West. & H. M.* i. 225, t. 49, f. 6, 7, 1843.
Var. *a.* Noctua Tanaceti, *Haw. L. B.* 165, 1810.
Cucullia Tanaceti, *Step. H.* iii. 88, 1829, ♂. *Wood, I. E.* t. 16, f. 382.
Var. *b.* Noctua Lactucæ, *Haw. L. B.* 166, 1810.
Cucullia Lactucæ, *Step. H.* iii. 88, 1829, ♀. *Wood, I. E.* t. 16, f. 384.
Var. *c.* Noctua Lucifuga, *Haw. L. B.* 166, 1810.
Cucullia Lucifuga, *Step. H.* iii. 89, 1829, ♀. *Wood, I. E.* t. 16, f. 383.

8. Cucullia Chamomillæ. The Chamomile Shark. B. M.

Noctua Chamomillæ, *Schiff.* (*W. V.* 73, 1776).
Cucullia Chamomillæ, *Step. H.* iii. 89, 1829. *West. & H. M.* i. 226, t. 49, f. 14, 15, 1843.
♂. Noctua fissina, *Haw.* (*Pr.* 12, 1802).
Cucullia fissina, *Step. H.* iii. 90, 1829.
Var. *a.* Noctua Chrysanthemi, *Hüb. ? No.* t. 119, f. 606, 1815.

e. Argyritis.

Argyritis, *Hüb. V.* 247, 1816.

?9. Cucullia Artemisiæ. The Green Silver Spangle. B. M.

Noctua Artemisiæ, *Schiff.* (*W. V.* 312, 1776).
Cucullia Artemisiæ, *Step. H.* iii. 91, 1829. *West. & H. M.* i. 227, t. 49, f. 16, 1843.
Noctua argentea, *Fues. A.* 15, t. 5, 1781.

186. PERIPHANES.

Periphanes, *Hüb. V.* 247, 1816.
Chariclea, *Step.* (*Cat.* ii. 104, 1829). *Id. H.* iii. 92, 1829.

1. Periphanes Delphinii. The Pease-blossom. B. M.
Phalæna-N. Delphinii, *Linn. S. Nat.* i. 518, 1758.
Chariclea Delphinii, *Cur. B. E.* ii. 76, 1825. *Step. H.* iii. 92, 1829.

187. CALOPHASIA.

Calophasia, *Step.* (*Cat.* ii. 104, 1829). *Id. H.* iii. 93, 1829.
Omia, p., *Hüb. V.* 244, 1816.
Cleophana, p., *Bois. I. M.* 2 ed. 151, 1840.
Rhabdophana, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.

1. Calophasia Linariæ. The Flax Moth. B. M.
Noctua Linariæ, *Schiff.* (*W. V.* 73, 1776).
Calophasia Linariæ, *Step. H.* iii. 94, t. 29, f. 2, 1829.
Phalæna-N. lunula, *Hüfn.*—(*Berl. M.* iii. 394, 1769).
Noctua stictica, *Fab. M.* ii. 173, 1787.

188. ACTINOTIA.

Actinotia, *Hüb. V.* 244, 1816.
Cloantha, *Bois. I. M.* 2 ed. 150, 1840.
Cleophana, p., *Treit. Sup.* ii. 281, 1835.

1. Actinotia perspicillaris. The Purple Cloud.
Phalæna-N. perspicillaris, *Linn. F.* ii. No. 1198, 1761.
Calophasia? perspicillaris, *Step.* (*H.* iii. 94, 1829).
Cloantha perspicillaris, *West. & H. M.* i. 230, t. 51, f. 1, 1843.

Sub.-F. XVI. PLUSIDI.

Plusidi, *Bois.* (*I. M.* 91, 1829).
Plusiæ, *Hüb. V.* 251, 1816.

189. ABROSTOLA.

Abrostola, *Och.* (*S.* iv. 88, 1816).
Habrostola, *Sodoff.—Bull. S. I. Mosc.* 15, 1837.

1. Abrostola Urticæ. The Spectacle. B. M.
Noctua Urticæ, *Hüb. No.* t. 137, f. 625, 1816,
Abrostola Urticæ, *Step. H.* iii. 97, 1830. *West. & H. M.* i. 229, t. 50, f. 8, 9, 1843.

Phalæna triplasia, *Esp. S.* iv. (612), t. 179, *Noct.* 90, f. 1—3, 1790—1800. *Don. B. I.* ix. 23, t. 298, 1800.
Noctua Asclepiadis, *Haw. L. B.* 246, 1810.

2. ABROSTOLA TRIPLASIA. The Dark Spectacle. B. M.

Phalæna-N. triplasia, *Linn. S. Nat.* i. 517, 1758.
Abrostola triplasia, *Step. H.* iii. 96, 1829. *West. & H. M.* i. 229, t. 50, f. 6, 7, 1843.

190. EUCHALCIA.

Euchalcia, *Hüb. V.* 250, 1816.
Abrostola, p., *Och.* (*S.* iv. 88, 1816).
Plusia, p., *Bois.* (*I. M.* 92, 1829).

1. EUCHALCIA ILLUSTRIS. The Purple Shades. B. M.

Noctua illustris, *Fab. M.* ii. 164, 1787.
Abrostola? illustris, *Step. H.* iii. 98, 1830.
Plusia illustris, *Cur. B. E.* xvi. t. 731, 1839.
♀. Noctua cuprea, *Esp. S.* iv. (199), t. 110, *Noct.* 31, f. 3, 4, 1787—89.

191. PLUSIA.

Plusia, *Och.* (*S.* iv. 89, 1816). *Treit. S.* v. 3, 134, 1826.

a. AUTOGRAPHA.

Autographa, *Hüb. V.* 251, 1816.

1. PLUSIA IOTA. The Plain Golden Y. B. M.

Phalæna-N. Iota, *Linn. S. Nat.* i. 513, 1758.
Plusia percontationis, *Och.* (*S.* iv. 90, 1816). *Step. H.* iii. 101, 1830. *West. & H. M.* i. 231, t. 51, f. 4, 1843.
Var. *a.* Plusia Lambda-aurina, *Step. MSS.*

2. PLUSIA PULCHRINA. The Beautiful Golden Y. B. M.

Noctua pulchrina, *Haw.* (*Pr.* 16, 1802).
Noctua interrogationis, *Esp. S.* iv. (225), t. 113, *Noct.* 34, f. 1, 2, 1789—90.

Noctua Iota, *Hüb. No.* t. 58, f. 282, 1800.
Plusia Iota, *Step. H.* iii. 100, 1830. *West. & H. M.* i. 231, t. 52, f. 1, 2, 1843.
Plusia inscripta, *Doub.* (*List*, 11, 1847).
Var. *a*. Phytometra pulchrina (Iota γ.), *Haw. L. B.* 256, 1810.
Var. *b*. Noctua Gamma-aurina, *Haw.* (*Pr.* 16, 1802).
Aber.? Noctua inscripta,* *Esp. S.* iv. 229, t. 113, f. 5, 1789.

3. PLUSIA INTERROGATIONIS. The Scarce Silver Y. B. M.

Phalæna-N. interrogationis, *Linn. S. Nat.* i. 513, 1758.
Plusia interrogationis, *Step. H.* iii. 102, 1830. *West. & H. M.* i. 235, t. 51, f. 6, 1843.
Noctua conscripta, *Hüb. Beit.* ii. 52, t. 4, U., 1786.
Phalæna-N. æmula, *Bork. E. S.* iv. 789, 1792.
Noctua subpurpurina, *Haw.* (*Pr.* 16, 1802).
Var. *a*. Phalæna aurosignata, *Don. B. I.* xiii. 43, t. 453, f. 1, 1808.
Var. *b*. Noctua interrogationis, *Hüb. No.* t. 180, f. 854, 1836.
Var. *c*. Plusia Gamma-argentina, *Step. MSS.*

4 PLUSIA GAMMA. The Silver Y. B. M.

Phalæna-N. Gamma, *Linn. S. Nat.* i. 513, 1758.
Plusia Gamma, *Step. H.* iii. 103, 1830. *West. & H. M.* i. 232, t. 51, f. 7, 8, 1843.
Var. *a*. Plusia Gamma-fracta, *Step. MSS.*

b. DIACRYSIA.

Diacrysia, *Hüb. V.* 252, 1816.

5. PLUSIA CHRYSITIS. The Burnished Brass. B. M.

Phalæna-N. chrysitis, *Linn. S. Nat.* i. 513, 1758.
Plusia chrysitis, *Step. H.* iii. 105, 1830. *West. & H. M.* i. 234, t. 51, f. 12, t. 52, f. 6, 1843.

6. PLUSIA ORICHALCEA. The Scarce Burnished Brass. B. M.

Noctua orichalcea, *Fab. S. E.* 607, 1775.
Plusia orichalcea, *Step. H.* iii. 105, 1830. *West. & H. M.* i. 234, t. 52, f. 7, 1843.
Noctua orychalcea, *Hüb. Beit.* ii. 28, t. 4, f. W. 1786.
Noctua chryson, *Esp. S.* iv. (446), t. 141, *Noct.* 62, f. 7, 1788—96.
Noctua ærifera, *Sow. B. M.* i. 59, t. 29, 1805.

c. CHRYSASPIDEA.

Chrysaspidea, *Hüb. V.* 252, 1816.

7. PLUSIA BRACTEA. The Gold Spangle. B. M.

Noctua Bractea, *Schiff.* (*W. V.* 314, 1776).
Noctua Bractea, *Sow. B. M.* i. 57, t. 28, 1805.
Plusia Bractea, *Step. H.* iii. 106, 1830.
Phalæna-N. securis, *Vill. E.* ii. 271, 1789.

8. PLUSIA FESTUCÆ. The Gold Spot. B. M.

Phalæna-N. Festucæ, *Linn. S. Nat.* i. 513, 1758.
Plusia Festucæ, *Step. H.* iii. 107, 1830. *West. & H. M.* i. 234, t. 52, f. 8, 1843.

Sub-F. XVII. HELIOTHIDI.

Heliothidi, *Guén.—Ann. E. S. Fr.* x. 53, 1841.
Heliothentes, *Hüb. V.* 258, 1816.

192. HELIOTHIS.

Heliothis, *Och.* (*S.* iv. 91, 1816). *Treit. S.* v. 3, 215, 1826.
Heliotis, *Sodoff.—Bull.* (*S. I. Mosc.* 15, 1837).

a. HELIOTHIS.

Heliothis, *Och. ut supra.*

1. HELIOTHIS MARGINATA. The Bordered Sallow.

Noctua marginata, *Fab. E. S.* 610, 1775.
Heliothis marginata, *Step. H.* iii. 108, 1830. *West. & H. M.* i. 236, t. 53, f. 1, 1843.
Noctua rutilago, *Schiff.* (*W. V.* 86, 1776).
Phalæna-N. conspicua, *Bork. E. S.* iv. 123, 1792.
Phalæna limbata, *Stew. E.* ii. 188, 1802.
Noctua marginago, *Haw.* (*Pr.* 14, 1802). *Id. L. B.* 235, 1810.
Var. *a.* Phalæna-N. umbra, *Hüfn.* ?—(*Berl. M.* iii. 294, 1769).
Noctua Umbrago, *Esp. S.* iv. *Sup.* 21, t. 185, *Noct.* 106, f. 7, 8, 1790?

b. Melicleptria.

Melicleptria, *Hüb. V.* 262, 1816.

2. Heliothis armigera. The Scarce Bordered Straw. B. M.?

Noctua armigera, *Hüb. No.* t. 79, f. 370, 1804.

3. Heliothis peltigera. The Bordered Straw. B. M.

Noctua peltigera, *Schiff.* (*W. V.* 89, 1776).
Heliothis peltigera, *Step. H.* iii. 109, 1830. *West. & H. M.* i. 236, t. 53, f. 2, 3, 1843.
Noctua florentina, *Esp. S.* iv. (422), t. 135, *Noct.* 56, f. 2, 1788—95.
Phalæna-N. scutigera, *Bork. E. S.* iv. 93, 1792.
Phalæna stramiñea, *Don. B. I.* ii. 65, t. 61, 1793.
Noctua barbara, *Fab. E. S.* iii. 2, 111, 1794.

4. Heliothis scutosa. The Spotted Clover Moth.

Noctua scutosa, *Schiff.* (*W. V.* 89, 1776).
Heliothis scutosa, *Cur. B. E.* xiii. t. 595, 1836.
Phalæna-N. stigmosa, *Vill. E.* ii. 280, 1789.

5. Heliothis dipsacea. The Marbled Clover. B. M.

Phalæna-N. dipsacea, *Linn. S. N.* ii. 856, 1767.
Phalæna dipsacea, *Don. B. I.* x. 9, t. 327, f. 3, ♀, 1801.
Heliothis dipsacea, *Step. H.* iii. 109, 1830. *West. & H. M.* i. 236, t. 53, f. 4, ♂, 1843.
Phalæna-N. viridiplaca, *Hüfn.*—(*Berl. M.* iii. 406, 1769).

193. ANARTA.

Anarta, *Och.* (*S.* iv. 90, 1816). *Treit. S.* v. 3, 200, 1826.

a. Charelia.

Charelia, *Sodoff.*—*Bull.* (*S. I. Mosc.* 15, 1837).

1. Anarta Myrtilli. The Beautiful Yellow Underwing. B. M.

Phalæna-No. Myrtilli, *Linn. F.* ii. No. 1168, 1761.
Anarta Myrtilli, *Cur. B. E.* iii. t. 145, 1826. *Step. H.* iii. 111, 1830.

Phalæna-No. Ericæ, *Hüfn.*—(*Berl. M.* iii. 292, 1769).
Var. *a.* Noctua albirena, *Haw. L. B.* 163, 1810.

2. ANARTA CORDIGERA. The Small Dark-yellow Underwing. B. M.
Noctua cordigera, *Thunb. M. A. Up.* vi. f. 4, 1792.
Anarta cordigera, *Step. H.* iii. 111, 1830. *Wood, I. E.* t. 52, f. 1670, 1839.
Noctua cincta, *Schnei. M.* i. 529, 1791.
Noctua albirena, *Hüb. No.* t. 21, f. 99, 1798.

b. SYMPISTRIS.

Sympistris, *Hüb. V.* 261, 1816.

[B. M.
3. ANARTA MELANOPA. The Broad-bordered White Underwing.
Noctua melanopa, *Thunb. I. S.* 42, t. 2, f. 12, 1791.
Noctua vidua, *Hüb. No.* t. 86, f. 403, 1806.
Anarta vidua, *West. & H. M.* i. 238, t. 53, f. 9, 1843.
Var. *a.* Noctua tristis, *Hüb. No.* t. 95, f. 446, ♀, 1808.

194. PANEMERIA.

Panemeria, *Hüb. V.* 262, 1816.
Gymnopa, *Step. H.* iii. 112, 1829.
Heliodes, *Guén.—Ann. E. S. Fr.* x. 61, 1841.

1. PANEMERIA ARBUTI. The Small Yellow Underwing. B. M.
Noctua Arbuti, *Fab. S. E.* 619, 1775.
Phalæna-N. domestica, *Hüfn.*—(*Berl. M.* iii. 1769).
Noctua Heliaca, *Schiff.* (*W. V.* 94, 1776).
Gymnopa Heliaca, *Step. H.* iii. 112, 1830. *Wood, I. E.* t. 17, f. 414, 1835.
Noctua policula, *Lang. V.* ii. 159, 1789.
Noctua fasciola, *Esp. S.* iv. t. 163, f. 1, 1789.
Noctua Arbuti, *Esp. S.* iv. 555, 1798.

Sub.-F. XVIII. ACONTIDI.

Acontidi, *Guén.—Ann. E. S. Fr.* x. 219, 1841.
Acontides, *Bois. I. M.* 2 ed. 165, 1840.

195. ACONTIA.

Acontia, *Och.* (*S.* iv. 91, 1816). *Treit. S.* v. 3, 237, 1826.
Heliothera, *Sodoff.*—(*Bull. S. I. Mosc.* 15, 1837).

a. ÆDIA.

Ædia, *Hüb. V.* 261, 1816.

1. ACONTIA LUCTUOSA. The Four-spotted. B. M.

Noctua luctuosa, *Schiff.* (*W. V.* 90, 1776).
Acontia luctuosa, *Step. H.* iii. 113, 1830. *West. & H. M.* i. 238, t. 53, f. 11, 1843.
Noctua leucomela, *Fuesl. S. I.* 39, 1775.
Noctua Italica, *Fab. S. I.* ii. 218, 1781.
Phalæna-N. Astroites, *Vill. E.* ii. 263, 1789.
Noctua leucomelina, *Haw.* (*Pr.* 12, 1802).

b. TARACHE.

Tarache, *Hüb. V.* 261, 1816.

*?2. ACONTIA SOLARIS. The Pale Shoulder. B. M.

Noctua Solaris, *Schiff.* (*W. V.* 90, 1776).
Acontia Solaris, *Step. H.* iii. 113, t. 29, f. 3, 1829.
Phalæna-N. lucida, *Hüfn.*—(*Berl. M.* iii. 302, 1769).
Noctua albicollis, *Fab. Sp. I.* ii. 218, 1781.
Phalæna-N. rupicola, *Bork. E. S.* iv. 79, 1792.

3. ACONTIA CALORIS.* The Marbled Beauty.

Noctua Caloris, *Hüb. No.* t. 80, f. 372, 1804.
Acontia Caloris, *Step. H.* iii. 114, 1830. *Wood, I. E.* t. 17, f. 417, 1836.

BOMBAY NATURAL HISTORY SOCIETY

Sub-F. XIX. EMMELIDI.

Emmelidi, *Step. MSS.*
Agrophilidæ, *Dup. C.* 187, 1846.

196. EMMELIA.

Emmelia, *Hüb. V.* 254, 1816.
Agrophila, *Bois. I. M.* 2 ed, 175, 1840.
Erastria, A., *Och.* (*S.* iv. 92, 1816).
Hemeraptera, *Sodoff.*—(*Bull. S. I. Mosc.* 16, 1837).

1. EMMELIA SULPHURALIS. The Spotted Sulphur. B. M.

Phalæna-Py. sulphuralis, *Linn. S. Nat.* ii. 881, 1767.
Erastria? sulphuralis, *Step. H.* iii. 116, 1830. *West. & H. M.* i. 242, t. 53, f. 16, 1843.
Phalæna trabealis, *Scop.? C.* 240, 1763.
Noctua sulphurea, *Schiff.* (*W. V.* 93, 1776).
Bombyx lugubris, *Fab. G. M.* 280, 1777.
Phalæna-N. Arabica, *Bork. E. S.* iv. 807, 1792.

197. HYELA.

Hyela, *Step. MSS.*
Hydrelia, *Guén.*—*Ann. S. E. Fr.* x. 227, 1831.

a. EUSTROTIA.

Eustrotia, *Hüb. V.* 253, 1816.

1. HYELA UNCANA. The Silver Hook. B. M.

Phalæna-To. uncana, *Linn. F.* ii. No. 1305, 1761.
Erastria? uncana, *Step. H.* iii. 117, 1830. *West. & H. M.* i. 241, t. 53, f. 15, 1843.
Phalæna-N. singularis, *Hüfn.*—(*Berl. M.* iii. 396, 1769).
Noctua unca, *Schiff.* (*W. V.* 91, 1776).

b. ARGYROSTROTIS.

Argyrostrotis, *Hüb. V.* 253, 1816.

2. HYELA BANKIANA. The Silver Barred.

Pyralis Bankiana, *Fab. S. E.* 644, 1775.
Erastria Bankiana, *Step. II.* iii. 117, 1830. *West. & H. M.* i. 242, t. 53, f. 17, 1843.
Tortrix Olivana, *Schiff.* (*W. V.* 126, 1776).
Noctua argentula, *Hüb. Beit.* i. 9, t. 2, F., 1786.
Noctua olivea, *Hüb. No.* t. 60, f. 292, 1800.

Sub-F. XX. MICRADI.

Micradi, *Step. MSS.*
Anthophilidæ, *Dup. C.* 184, 1846.

198. EROMENE.

Eromene, *Hüb. V.* 256, 1816.
Micra, p. *Guén.—Ann. E. S. Fr.* x. 225, 1841.
Anthophila, *Bois. I. M.* 2 ed. 173, 1840.

1. EROMENE OSTRINA.* The Purple Marbled.

Noctua ostrina, *Hüb. No.* t. 85, f. 399, 1805.
Erastria ostrina, *Cur. B. E.* iii. 140, 1826. *Step. H.* iii. 119, 1830.

199. TROTHISA.

Trothisa, *Hüb. V.* 256, 1816.
Micra, *Guén.—Ann. E. S. Fr.* x. 224, 1841.

?1. TROTHISA HAWORTHANA. The Small Marbled. B. M.

Phytometra minuta, *Haw.* 265, 1810.
Micra Haworthana, *West. & H. M.* i. 243, t. 53, f. 20, 1843.

Sub-F. XXI. ERASTRIDI.

Erastridi, *Step. MSS.*
Noctuo-Phalænidæ, *Dup. C.* 192, 1846.

200. ERASTRIA.

Erastria, *Och.* (*S.* iv. 92, 1816, 3). *Treit. S.* v. 3, 250, 1826.
Hapalotis, *Hüb. V.* 254, 1816, 9.

1. ERASTRIA VENUSTULA. The Rosy Marbled.

Noctua venustula, *Hüb. Beit.* ii. 78, t. 4, Q., 1786.
Erastria venustula, *Step. H.* iii. 118, 1830. *West. & H. M.* i. 241, t. 53, f. 18, 1843.
Pyralis Hybnerana, *Fab.? E. S.* iii. 2, 247, 1794.

2. ERASTRIA FUSCULA. The Marbled White Spot. B. M.

Noctua fuscula, *Schiff.* (*W. V.* 89, 1776).
Erastria fuscula, *Step. H.* iii. 119, 1830. *Cur. B. E.* viii. t. 356, 1831.
Noctua polygramma, *Esp. S.* iv. (470), t. 146, *Noct.* 67, f. 7, 1789—96.
Phalæna-N. præduncula, *Bork. E. S.* iv. 175, 1792.
Var. *a.* Phytometra albilinea, *Haw. L. B.* 261, 1810.
Erastria albidilinea, *Step. H.* iii. 120, 1830.

201. PROTHYMIA.

Prothymia, *Hüb. V.* 282, 1816.
Phytometra, § 3 p., *Haw. L. B.* 263, 1810.
Anthophila, *Och.* (*S.* iv. 93, 1816).
Phytometra, *Step. H.* iii. 120, 1829.
Heliomanes, *Sodoff.—Bull* (*S. I. Mosc.* 16, 1837).

1. PROTHYMIA ÆNEA. The Small Purple Barred. B. M.

Noctua ænea, *Schiff.* (*W. V.* 85, 1776).
Phytometra ænea, *Step. H.* iii. 121, 1830. *West. & H. M.* i. 244, t. 54, f. 2, 1843.

Phalæna laccata, *Scop.?* *C.* No. 363, 1763.
Noctua olivacea, *View. T. V.* ii. 85, 1790.
Noctua latruncula, *Esp. S.* iv. (557), t. 163, *Noct.* 84. f. 2, 1789—98.

Sub-F. XXII. OPHIUSIDI

Ophiusidi, *Guén.—Ann. E. S. Fr.* x. 71, 1841.

202. OPHIUSA.

Ophiusa, *Och.* (*S.* iv. 93, 1816). *Treit. S.* v. *a*, 288, 1826.
Ophiussa, *Hüb. V.* 266, 1816.
Hemachra, *Sodoff.*—(*Bull. S. I. Mosc.* 16, 1837).
Toxocampa, *Guén.—Ann. E. S. Fr.* x. 75, 1841.

1. Ophiusa Pastinum. The Blackneck. B. M.

Ophiusa Pastinum, *Treit. S.* v. 3, 297, 1826.
Noctua Lusina, *Haw.* (*Pr.* 13, 1802).
Phytometra Lusoria, *Haw. L. B.* 259, 1810.
Ophiusa Lusoria, *Step. H.* iii. 125, 1830. *Cur. B. E.* x. t. 475, 1833.

203. OPHIODES.

Ophiodes, *Guén.—Ann. E. S. Fr.* x. 77, 1841.
Phoberia, p., *Hüb. V.* 267, 1816.

1. Ophiodes lunaris.* The Lunar Double Stripe.

Noctua lunaris, *Schiff.* (*W. V.* 91, 1776).
Noctua augur, *Esp. S.* iv. 67, t. 87, *Noct.* 8, f. 4, 5, 1787.
Phalæna-N. fluctuans, *Vill. E.* ii. 263, 1789.
Noctua meretrix, *Fab. E. S.* iii. 2, 60, 1794.

Sub-F. XXIII. CATOCALIDI.

Catocalidi, *Guén.—Ann. E. S. Fr.* x. 78, 1841.
Catocalides, *Bois. I. M.* 2 ed. 166, 1840.

204. MORMO.

Mormo, *Och.* (*S.* iv. 70, 1816).
Mania, *Treit. S.* v. 1, 294, 1825.

1. MORMO MAURA. The Old Lady. B. M.

Phalæna-N. maura, *Linn. S. Nat.* i. 512, 1758.
Mormo maura, *Step. H.* iii. 129, 1830. *West. & H. M.* i. 248, t. 55, f. 1, 2, 1843.
Noctua Lemur, *Meincke.—Naturf.* vi. 112, 1775.

205. CATOCALA.

Catocala, *Schr. F. B.* ii. 2, 158, 1802.

a. CATOCALLA.

Catocalla, *Hüb. V.* 276, 1816.

1. CATOCALA FRAXINI. The Clifden Nonpareil.

Phalæna-N. Fraxini, *Linn. S. Nat.* i. 512, 1758.
Catocala Fraxini, *Step. H.* iii. 131, 1830. *West. & H. M.* i. 248, t. 55, f. 3, 4, 1843.

b. EUNETES.

Eunetes, *Hüb. V.* 276, 1816.

2. CATOCALA NUPTA. The Red Underwing. B. M.

Phalæna-N. Nupta, *Linn. S. Nat.* ii. 841, 1767.
Catocala Nupta, *Step. H.* iii. 132, 1830. *West. & H. M.* i. 249, t. 55, f. 5, 1843.
Phalæna Pacta, *Harr. Aur.* t. 18, f. 9 *m*, 1773?
Var. *a.* Noctua Concubina, *Hüb. No.* t. 69, f. 329, 1801.

c. ASTIOTES.

Astiotes, *Hüb. V.* 277, 1816.

3. CATOCALA SPONSA. The Dark Crimson Underwing. B. M.

Phalæna-N. sponsa, *Linn. S. Nat.* ii. 841, 1767.
Catocala sponsa, *Step. H.* iii. 133, 1830. *West. & H. M.* i. 250, t. 56, f. 1, 2, 1843.

4. CATOCALA PROMISSA. The Light Crimson Underwing. B. M.

Phalæna-N. promissa, *Schiff.* (*W. V.* 90, 1776).
Catocala promissa, *Step. H.* iii. 134, 1830. *West. & H. M.* i. 250, t. 56, f. 3, 15, 1843.
Var. *a.* Hemigeometra conjuncta, *Haw. L. B.* 269, 1810.
Catocala conjuncta, *Step. H.* iii. 135, 1830. *West. & H. M.* i. 250, t. 56, f. 4.
Var. *b.* Noctua Mneste, *Hüb. No.* t. 123, f. 569, 1814.

Sub.-F. XXIV. PHALÆNOIDI.

Phalænoidi, *Guén.—Ann. E. S. Fr.* x. 217, 1841.

206. BREPHOS.

Brephos, *Och.* (*S.* iv. 96, 1816).
Brepha, *Hüb. teste. Och. supra.*
Archiëaris, *Hüb. V.* 280, 1816, 9.
Catoxanthia, *Sodoff.—*(*Bull. S. I. Mosc.* 16, 1837).

1. BREPHOS PARTHENIAS. The Orange Underwing. B. M.

Phalæna-B. Parthenias, *Linn. F.* ii. No. 1160, 1761.
Bombyx Vidua, *Fab. E. S.* iii. 1, 468, 1794.
Hemigeometra notha, *Haw. L. B.* 269, 1810.
Brepha notha, *Cur. B. E.* iii. t. 121, 1826. *Step. H.* iii. 137, 1830.

2. BREPHOS NOTHA. The Light Orange Underwing. B. M.

Noctua notha, *Hüb. No.* t. 74, f. 343, 344, 1802.
Noctua Parthenias, *Esp. S.* iv. 51, t. 85, f. 48, 1786.
Brepha Parthenias, *Step. H.* iii. 136, 1830. *West. & H. M.* i. 251, t. 56, f. 5, 6, 1843.
Brepha Parthenias, var., *Goda. L. F.* v. 89, 1824.

Sub.-F. XXV. GONIATIDI.

Goniatidi, *Step. MSS.*
Goniatidæ, *Dup. C.* 190, 1846.

207. EUCLIDIA.

Euclidia, *Och.* (*S.* iv. 96, 1816). *Treit. S.* v. 3, 388, 1826.

a. DRASTERIA.

Drasteria, *Hüb. V.* 280, 1816.

1. EUCLIDIA GLYPHICA. The Burnet. B. M.

Phalæna-N. glyphica, *Linn. S. Nat.* i. 510, 1758.
Euclidia glyphica, *Step. H.* iii. 138, 1830. *Cur. B. E.* xiv. t. 659, 1837.

b. CALLISTEGE.

Callistege, *Hüb. V.* 281, 1816.

2. EUCLIDIA MI. The Shipton. B. M.

Phalæna-N. Mi, *Linn. F.* ii. No. 1162, 1761.
Euclidia Mi, *Step. H.* iii. 139, 1830. *West. & H. M.* i. 252, t. 56, f. 11, 12, 1843.
Phalæna-N. graminis, *Hüfn.*—(*Berl. M.* iii. 412, 1769).
Var. *a*. Noctua litterata, *Cyr. E. N.* i. t. 1, f. 9, 1787.

Sub-Div. III. LEPIDOPTERA SEMIDIURNA.

Lepidoptera semidiurna, *Step. H.* iii. 140, 1831.

Fam. I. GEOMETRIDÆ.

Geometridæ, *Step. H.* iii. 141, 1831.

Sub-Fam. I. DASYDIADI.

Dasydiadi, *Step. MSS.*

208. PSODOS.

Psodos, *Treit. S.* vi. 1, 254, 1827.
Spodos, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).
Parascotia, p., *Hüb. V.* 314, 1816.

1. PSODOS TREPIDARIA. The Black Mountain Moth.
Geometra trepidaria, *Hüb. G.* t. 66, f. 343, 1809?
Psodos trepidaria, *Step. H.* iii. 144, 1831. *Wood, I. E.* t. 18, f. 449.

209. DASYDIA.

Dasydia, *Guén.*—*Dup. C.* 281, 1846.
Orphne, p., *Hüb. V.* 314, 1816.

1. DASYDIA TORVARIA.* The Large Black Mountain Moth.
Geometra torvaria, *Hüb. G.* t. 71, f. 366, 367, 1806.
Geometra tenebraria, *Esp. S.* v. t. 51, *Geo.* f. 6, 1796. (Vide *West. & H. M.* ii. 67, *Note*, 1843).

Sub.-F. II. FIDONIDI.

Fidonidi, *Guén. MSS.*

210. SPERANZA.

Speranza, *Cur. B. E.* v. *fo.* 225, 1828.

a. ISTURGIA.

Isturgia, *Hüb. V.* 297, 1816.

1. SPERANZA LIMBARIA. The Frosted Yellow. B. M.

Phalæna limbaria, *Fab. S. E.* 624, 1775.
Speranza limbaria, *Step. H.* iii. 145, 1831. *Wood, I. E.* t. 18, f. 452.
Geometra conspicuata, *Schiff.* (*W. V.* 316, 1776).
Geometra auroraria (conspicuata), *Hüb. Beit.* 127, f. 4, f. Y, 1787.
Phalæna-G. circumdata, *Vill. E.* ii. 330, t. 6, f. 10, 1789.

b. PERCONIA.

Perconia, *Hüb. V.* 296, 1816.
Eupisteria, *Dup. C.* 241, 1846.

2. SPERANZA BRUNNEATA. The Rannoch Looper. B. M.

Geometra brunneata, *Thunb. I. S.* 9, 1784.
Speranza brunneata, *Step. H.* iii. 145, 1830.
Speranza sylvaria, *Cur. B. E.* v. t. 225, 1828.
Episteria quinquaria, *Doub.* (*List*, 14, 1847).
♂. Geometra quinquaria, *Hüb.? Ge.* t. 100, f. 516, 1816.
♀. Geometra Pinetaria, *Hüb.? Ge.* t. 24, f. 130, 1797.
Var.? *a.* Phalæna atomata, *Fab.? E. S.* iv. 2, 190, 1794.
Var.? *b.* Phalæna flammata, *Fab.? E. S.* iii. 2, 194, 1794.

211. EUPISTERIA.

Eupisteria, *Bois. I. M.* 2 ed. 192, 1840.

1. EUPISTERIA CARBONARIA. The Netted Mountain Moth.

Phalæna-G. carbonaria, *Linn. F.* No. 1246, 1761.
Geometra picearia, *Hüb. Ge.* t. 106, f. 552—555, 1822.
Var. *a.*? Geometra rosceidaria, *Hüb. Ge.* t. 64, f. 332, 1802.

212. FIDONIA.

Fidonia, *Treit. S.* vi. 1, 262, 1827.
Phytonia, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

a. FIDONIA.

1. FIDONIA ATOMARIA. The Common Heath. B. M.

Phalæna-G. atomaria, *Linn. S. Nat.* i. 521, 1758.
Fidonia atomaria, *Step. H.* iii. 148, 1831. *Wood*, t. 18, f. 454, 455.
Phalæna-G. Aceraria, *Hüfn.*—(*Berl. M.* iv. 520, 1770).
♂. Phalæna pennata, *Scop. C.* No. 569, 1763.
♀. Phalæna Isocelata, *Scop. C.* No. 558, 1763.
Var. *a.* Geometra glarearia, *Haw. L. B.* 280, 1810.
Var. *b.* Geometra rosceidaria, *Haw. L. B.* 280, 1810.
Var. *c.* Geometra carbonaria, *Haw. L. B.* 280, 1810.

b. SELIDOSEMA.

Selidosema, *Hüb. V.* 299, 1816.

2. FIDONIA PLUMARIA. The Bordered Gray. B. M.

Geometra plumaria, *Schiff.* (*W. V.* 106, 1776).
Fidonia plumaria, *Wood, I. E.* t. 18, f. 457.
Phalæna rorariâ, *Fab. M.* ii. 189, 1787.
Phalæna-G. ericetaria, *Vill. E.* ii. 329, t. 6, f. 9, 1789.
Fidonia ericetaria, *Step. H.* iii. 149, 1831.
Geometra Vespertaria, *Esp. S.* v. (180), t. 32, f. 1, 1795—97.
♀. Geometra subfimbriata, *Haw.—Ent. Tr.* i. 136, 1812.
Var. *a.* Geometra limbata,* *Ramb.—Ann. S. Ph.* (*teste Bois. C.* 191, 1840), ♀.

213. HALIA.

Halia, *Dup. L. F.* viii. 107, 1829.
Grammatophora, *Step.*(*Cat.* ii. 126, 1829).
Itame, p., *Hüb. V.* 299, 1816.

1. HALIA WAUARIA. The V. Moth. B. M.

Phalæna-G. Wauaria, *Linn. S. Nat.* i. 522, 1758.
Phalæna Vauaria, *Don. B. I.* vi. 37, t. 196, 1797.
Halia Vauaria, *Step. H.* iii. 194, 1831.
Phalæna-G. Viduaria, *Müll. F. F.* 49, 1764.
Phalæna-G. Vavaria, *Hüfn.*—(*Berl. M.* iv. 508, 1770).
Phalæna Vauaria, *Schr. F. B.* ii. 2, 24, 1802.
Var. *a.* Geometra Vau-nigraria, *Hatchett.*—*Ent. Tr.* i. 244, t. 7, f. 3, 1812.

214. BUPALUS.

Bupalus, *Leach, E. E.* ix. 135, 1815.
Catographa, *Hüb. V.* 297, 1816.

1. BUPALUS PINIARIUS. The Bordered White. B. M.

Phalæna-G. Piniaria, *Linn. S. Nat.* i. 520, 1758.
Phalæna Piniaria, *Don. B. I.* x. 27, t. 336, 1801.
Bupalus Piniarius, *Step. H.* iii. 147, 1831.
♀. Phalæna-G. Tiliaria, *Linn. S. Nat.* i. 520, 1758.

215. MÆSIA.

Mæsia, *Step. H.* iii. 150, 1831.
Psednothrix, p., *Hüb. V.* 319, 1816.
Scodiona, *Bois. I. M.* 2 ed. 185, 1840.

1. MÆSIA FAVILLACEARIA. The Gray Scalloped Bar. B. M.

Geometra favillacearia, *Hüb. G.* t. 26, f. 139, 1797.
Bupalus favillacearius, *Cur. B. E.* i. t. 33, 1824.
Mæsia favillacearia, *Step. H.* iii. 150, 1831.
Phalæna mediopunctaria, *Don. B. I.* xiii. 59, t. 461, f. 1, 2, 1808.
Var. *a.* Geometra Belgiaria, *Hüb. G.* t. 26, f. 140, 1797.

Sub-F. III. HIBERNIDI.

Hibernidi, *Guén. MSS.*

216. ALSOPHILA.

Alsophila, *Hüb. V.* 320, 1816.
Anisopteryx, p., *Step. H.* iii. 151, 1831.
Anisopteryx, *Bois. I. M.* 2 ed. 193, 1840.

1. Alsophila Æscularia. The March Moth. B. M.
Geometra Æscularia, *Schiff.* (*W. V.* 101, 1776).
Anisopteryx Æscularia, *Step. H.* iii. 152, 1831. *Wood, I. E.* t. 18, f. 460*a*, ♂, f. 461*n*, ♀.
Geometra murinaria, *Esp. S.* v. (198), t. 35, f. 5, 6, 1795—97.
Geometra cineraria, *Marsh. MSS.*—*Haw.* (*Pr.* 23, 1802).
♀?. Geometra apteraria, *Haw.? L. B.* 306, 1810.

217. ANISOPTERYX.

Anisopteryx, *Step.* (*Cat.* ii. 116, 1829). *Id. H.* iii. 151, 1831.
Agriopis, p., *Hüb. V.* 320, 1816.

1. Anisopteryx leucophearia. The Spring Usher. B. M.
Geometra leucophearia, *Schiff.* (*W. V.* 101, 1776).
Anisopteryx leucophearia, *Step. H.* iii. 151, 1831. *Wood, I. E.* t. 18, f. 459*a*, ♂, f. 460*n*, ♀.
Geometra marmorinaria, *Esp. S.* v. (205), t. 37, f. 1, 2, 1795—98.
Var. *a.* Geometra nigricaria, *Hüb. G.* t. 35, f. 181, 1798.
Var.? *b.* Geometra sorditaria, *Hüb. G.* t. 64, f. 334, 1802?

218. ERANNIS.

Erannis, *Hüb. V.* 320, 1816.
Hybernia, *Latr.* (*F. N.* 479, 1825).
Lampetia, *Step.* (*Cat.* ii. 116, 1829).
Hibernia, *Dup. L. F.* viii. 106, 1829.

1. ERANNIS PROGEMMARIA. The Dotted Border. B. M.

Geometra progemmaria, *Hüb. G.* t. 35, f. 183, 1798.
Geometra capreolaria, *Esp. S.* v. 203, t. 36, f. 8, 9, 1795.
Hybernia capreolaria, *Step. H.* iii. 153, 1831. *Wood, I. E.* t. 18, f. 461*a*, ♂ ; f. 459*n*, ♀.
Var.? *a.* Phalæna diversaria, *Fab.? E. S.* iii. 2, 157, 1794.
Geometra stictaria, *Marsh. MSS.—Haw.* (*Pr.* 21, 1802).
Var. *b.* Geometra connectaria, *Haw. L. B.* 285, 1810. *Step. H.* iii. 152, 1831.
♀. Geometra luctuaria, *Haw. L. B.* 279, 1810.

2. ERANNIS AURANTIARIA. The Scarce Umber. B. M.

Geometra aurantiaria, *Hüb. G.* t. 35, f. 184, 1798.
Geometra mellearia, *Beck. & S. F. I.* iii. 676, 1805.
Geometra prosapiaria, *Haw. L. B.* 285, 1810.
Hybernia prosapiaria, *Step. H.* iii. 152, 1831. *Wood, I. E.* t. 18, f. 463, ♂.
Var. *a.* Phalæna-G. testacearia, *Vill. E.* ii. 321, t. 6, f. 5, 1789.

3. ERANNIS DEFOLIARIA. The Mottled Umber. B. M.

Phalæna-G. defoliaria, *Linn. F.* ii. No. 1238, 1761.
Hybernia defoliaria, *Step. H.* iii. 153, 1831. *Cur. B. E.* xv. t. 703, 1838.
Phalæna-G. pulveraria, *Hüfn.*—(*Berl. M.* iv. 518, 1770).

Sub.-F. IV. BISTONIDI.

Bistonidi, *Step. MSS.*

219. PHIGALIA.

Phigalia, *Dup. L. F.* viii. 106, 1829.
Apochemia, p., *Hüb.* V. 319, 1816.
Amphidasis, p., *Step.* (*Cat.* ii. 117, 1829).
Amphidasys, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

1. PHIGALIA PILOSARIA. The Pale Brindled Beauty. B. M.
Geometra pilosaria, *Schiff.* (*W. V.* 100, 1776).
Phigalia pilosaria, *Step. II.* iii. 156, 1831. *Wood, I. E.* t. 18, f. 465*a*, ♂ ; f. 465*n*, ♀.
Phalæna pedaria, *Fab. E. S.* iii. 2, 148, 1794.
Geometra plumaria, *Esp. S.* v. (195), t. 35, f. 1, 2, 1795—97.
♂. Phalæna-G. hyemaria, *Bork. E. S.* v. 193, 1794.

220. NYSSIA.

Nyssia, *Dup. L. F.* viii. 106, 1829.
Apocheima, p., *Hüb. V.* 319, 1816.
Amphidasis, p., *Step.* (*Cat.* ii. 117, 1829).

a. NYSSIA.

Nyssia, *Dup. ut. supra.* B. M.

1. NYSSIA HISPIDARIA. The Small Brindled Beauty. B. M.
Geometra hispidaria, *Schiff.* (*W. V.* 99, 1776).
Nyssia hispidaria, *Step. II.* iii. 156, 1831.
Phalæna Ursularia, *Don. B. I.* xiii. 31, t. 447, 1808.
Var. *a.* Nyssia Tauaria, *Newm.—Ent. Mag.* i. 413, 1833.

b. ITHYSIA.

Ithysia, *Hüb. V.* 319, 1816.

2. NYSSIA ZONARIA. The Belted Beauty. B. M.
Geometra Zonaria, *Schiff.* (*W V.* 100, 1776).
Nyssia Zonaria, *Step. II.* iv. 391, 1835. *Cur. B. E.* xiii. t. 615, 1836.
Phalæna Zona, *Fab. M.* ii. 131, 1787.
♀. Nyssia Zonaria,* *Wing.—Tr. Ent. Soc.* v. 121, t. 14, f. 9, 1849, herm.

221. BISTON.

Biston, *Leach, E. E.* ix. 134, 1815.
Amphidasis, *Dup. L. Fr.* viii. 106, 1829.

a. Lycia.

Lycia, *Hüb. V.* 319, 1816.

1. Biston hirtarius. The Brindled Beauty. B. M.

Phalæna-G. hirtaria, *Linn. F.* ii. No. 1236, 1761.
Biston hirtarius, *Step. II.* iii. 159, 1831. *West. & H. M.* ii. 10, t. 58, f. 14, 15, 1843.
Phalæna-G. atomaria, *Hüfn.*—(*Berl. M.* iv. 510, 1770).
Geometra prodromaria, *Lang. V.* 177, 1782.
Var. *a.* Phalæna-G. contiguaria, *Bork. E. S.* v. 187, 1794.
Geometra congeneraria, *Hüb. Ge.* t. 33, f. 174, 1797.
Var. *b.* Geometra fumaria, *Haw. L. B.* 273, 1810.

b. Eubyja.

Eubyja, *Hüb. V.* 318, 1816.

2. Biston Betularius. The Peppered Moth. B. M.

Phalæna-G. Betularia, *Linn. S. Nat.* i. 521, 1758.
Biston Betularius, *Step. H.* iii. 159, 1831. *West. & H. M.* ii. 9, t. 58, f. 11—13, 1843.
Phalæna-G. Ulmaria, *Bork. E. S.* v. 181, 1794.

3. Biston prodromarius. The Oak Beauty. B. M.

Geometra prodromaria, *Schiff.* (*W. V.* 99, 1776).
Biston prodromarius, *Step. II.* iii. 158, 1831. *West. & H. M.* ii. 9, t. 58, f. 8—10, 1843.
Phalæna-G. strataria, *Hüfn.*—(*Berl. M.* iv. 514, 1770).
Phalæna marmoraria, *Fues. M.* i. 216, 1778.
Geometra hispidaria, *Lang. V.* 176, 1782.
♀. Biston prodromaria,* *Wing.*—*Tr. Ent. Soc.* v. 120, t. 14, f. 8, 1849, herm.

Sub-F. V. ODOPTERIDI.

Odopteridi, *Step. MSS.*
Ennomidi, *Guén. MSS.*

222. HIMERA.

Himera, *Dup. L. F.* viii. 104, 1829.
Colotois, p., *Hüb. V.* 288, 1816.
Metra, *Step.* (*Cat.* ii. 118, 1829).

1. HIMERA PENNARIA. The Feathered Thorn. B. M.

Phalæna-G. pennaria, *Linn. F.* ii. No. 1231, 1761.
Himera pennaria, *Step. H.* iii. 160, 1831. *West. & H. M.* ii. 11, t. 59, f. 1, 2, 1843.
Aber. Geometra bifidaria,* *Haw. L. B.* 291, 301, 1810.

223. CROCALLIS.

Crocallis, *Treit.* (*S.* v. 2, 431, 1826). *Id.* vi. 151, 1827.
Colotois, p., *Hüb. G.* 288, 1816.

1. CROCALLIS ELINGUARIA. The Scolloped Oak. B. M.

Phalæna-G. elinguaria, *Linn. S. Nat.* i. 520, 1758.
Crocallis elinguaria, *Step. H.* iii. 162, 1831. *West. & H. M.* ii. 11, t. 59, f. 3, 4, 1843.

224. ODONTOPERA.

Odontopera, *Step. H.* iii. 162, 1831.
Gonodontis, p., *Hüb. V.* 287, 1816.

1. ODONTOPERA BIDENTATA. The Scolloped Hazel. B. M.

Phalæna-G. bidentata, *Linn. F.* ii. No. 1255, 1761.
Odontopera bidentata, *Step. H.* iii. 163, 1831. *West. & H. M.* ii. 11, t. 59, f. 5, 6, 1843.
Phalæna dentaria, *Fab. S. E.* 623, 1775.
Geometra obscurata, *Schiff.?* (*W. V.* 104, 1776).

225. ODOPTERA.

Odoptera, *Sodoff.—Bull. S. I. Mosc.* 16, 1837.
Geometra, *Leach, E. E.* ix. 134, 1815.
Ennomos, D., *Treit. S.* vi. 1, 41, 1827.

a. EUGONIA.

Eugonia, *Hüb. V.* 291, 1816.

1. ODOPTERA ALNIARIA. • The Large Thorn.

Phalæna-G. Alniaria, *Linn. S. Nat.* i. 519, 1758.
Geometra Alniaria, *Step. H.* iii. 164, 1831. *Wood, I. E.* t. 58, f. 8, ♀, 1839.

2. ODOPTERA TILIARIA. The Canary-shouldered Thorn. B. M.

Phalæna-G. Tiliaria, *Bork. E. S.* v. 87, 1794.
Geometra Tiliaria, *Step. H.* iii. 166, 1831. *Wood, I. E.* t. 18, f. 473, ♂.
Geometra Canaria, *Hüb. Beit.* ii. 99, t. 4, f. Y. 1789.
Geometra Alniaria, *Haw. L. B.* 293, 1810.
Var. *a.* Geometra Canaria, *Step. H.* iii. 165, 1831. *Wood, I. E.* t. 18, f. 474.

3. ODOPTERA EROSARIA. The September Thorn. B. M.

Geometra erosaria, *Schiff.* (*W. V.* 103, 1776). *Step. H.* iii. 165, 1831. *Wood, I. E.* t. 18, f. 476, ♂.
Phalæna crassaria, *Fab. E. S.* iii. 2, 135, 1794.
Geometra Tiliaria, *Esp. S.* v. 60, t. x. f. 3—6, 1794.
Var. *a.* Geometra ochraria, *Step. H.* iii. 165, 1831. *Wood, I. E.* t. 18, f. 475.

4. ODOPTERA FUSCANTARIA. The Dusky Thorn.

Geometra fuscantaria, *Haw.* (*Pr.* 22, 1802). *Step. H.* iii. 167, 1831. *Wood, I. E.* t. 19, f. 485. (Var. præc. ?).

5. ODOPTERA ANGULARIA. The August Thorn. B. M.

Geometra angularia, *Schiff.* (*W. V.* 105, 1776). *Step. H.* iii. 166, 1831. *Wood, I. E.* t. 107, f. 477, 480. *Cur. B. E.* xiv. t. 667, 1837.

♂. Geometra angularia, *Haw. L. B.* 294, 1810.
♀. Geometra Alniaria, *Don. B. I.* viii. 61, t. 275, 1799.
Geometra Tiliaria, *Haw. L. B.* 294, 1810.
Var. *a.* Phalæna-G. dentaria, *Vill. E.* ii. 301, 1789.
Var. *b.* Geometra erosaria, *Esp. S.* v. 62, t. 11, f. 1, 2, 1794.
Var. *c.* Geometra Carpiniaria, *Hüb. G.* t. 5, f. 27, 1796. *Step. H.* iii. 167, 1831. *Wood, l. c.* f. 480.
Var. *d.* Geometra Quercinaria, *Hüb. G.* t. 5, f. 24. *Step. H.* iii. 166, 1831. *Wood, l. c. fo.* 478.
Var. *e.* Geometra Quercaria, *Hüb. G.* t. 80, f. 411, 412? *Step. H.* iii. 166, 1831.
Var. *f.* Geometra angularia, *Hüb. G.* t. 5, f. 22. *Step. H.* iii. 166, 1831. *Wood, l. c.* f. 479.

b. Solenia.

Solenia, *Hüb. V.* 292, 1816.

6. Odoptera lunaria. The Lunar Thorn. B. M.

Phalæna lunaria, *Fab. E. S.* 623, 1775.
Geometra lunaria, *Step. H.* iii. 169, 1831. *Wood, I. E.* t. 19, f. 483.
Geometra lunularia, *Hüb. Beit.* i. 27, t. 3, f. T. 1789.
Var. *a.* Geometra delunaria, *Hüb. G.* t. 7, f. 34, 1796. *Step. H.* iii. 170, 1831. *Wood, I. E.* t. 19, f. 484.
Var.? *b.* Geometra sublunaria, *Step. H.* iii. 170, t. 28, f. 1, 1831.

7. Odoptera illustraria. The Purple Thorn. B. M.

Geometra illustraria, *Hüb. G.* t. 7, f. 34, 1796. *Step. H.* iii. 170, 1831. *West. & H. M.* ii. 14, t. 59, f. 18, 1843.
Phalæna-G. tetralunaria, *Hüfn.*—(*Berl. M.* iv. 506, 1770).
Geometra lunaria, β. quadrilunaria, *Esp. S.* v. 72, t. 12, f. 5, 6, 1794—5.
Phalæna Phœbaria, *Schr. F. B.* ii. 2, 13, 1802.

8. Odoptera illunaria. The Early Thorn. B. M.

Geometra illunaria, *Hüb. G.* t. 7, f. 36—7, 1796. *Step. H.* iii. 168, 1831. *West. & H. M.* ii. 13, t. 59, f. 13, 14, 1843.
Geometra lunaria, var. 2—4, *Schiff.* (*W. V.* 282, 1776).
Geometra bilunaria, *Esp. S.* v. (73), t. 13, f. 1—10, 1794—5.
Var. *a.* Geometra illunaria, *Esp. S.* v. (76), t. 14, f. 1—5, 1794—5.

Var. *b.* Phalæna ustularia, *Don. B. I.* iii. 25, t. 82, 1794.
Var. *c.* Geometra unilunaria, *Esp. S.* v. (77), t. 14, f. 6—8, 1794—5.
Var. *d.* Geometra fulvolunaria, *Esp. S.* v. (78), t. 14, f. 9, 10, 1794—5.
Var. *e.* Geometra Juliaria, *Haw. L. B.* 293, 1810. *Step. H.* iii. 169, 1831. *Wood, I. E.* t. 19, f. 482, 1834.
Geometra illunaria, var. Æstivalis, *Dup. L. F.* viii. 157, t. 144, f. 3, 1829.

226. PERICALLIA.

Pericallia, *Step.* (*Cat.* ii. 120, 1829). *Id. H.* iii. 171, 1831.
Hygochroa, p., *Hüb. V.* 293, 1816.

1. Pericallia Syringaria. The Lilac Beauty. B. M.
Phalæna-G. Syringaria, *Linn. S. Nat.* i. 520, 1758.
Pericallia Syringaria, *Step. H.* ii. 171, 1831. *West. & H. M.* ii. 15, t. 59, f. 21, t. 60, f. 29, 1843.
Var.? *a.* Geometra circularia, *Thunb. I. S.* 58, t. 4, f. 6, 1792.

227. ANGERONA.

Angerona, p., *Dup. L. F.* viii. 104, 1829.
Crocota, *Hüb. V.* 295, 1816.

1. Angerona Prunaria. The Orange Moth. B. M.
Phalæna-G. Prunaria, *Linn. S. Nat.* i. 520, 1758.
Angerona Prunaria, *Step. H.* iii. 172, 1831. *West. & H. M.* ii. 15, t. 59, f. 22—25, 1843.
Phalæna corticalis, *Scop. C.* 216, 1734.
Phalæna-G. fulvaria, *Hüfn.?*—(*Berl. M.* iv. 518, 1770).
Phalæna atomaria, *Goetz. B.* iii. 292, 1779.
♀. Phalæna dimidiata *Fab. S. E.* 630, 1775, var. ♀.
Var. *a.* Geometra Corylaria, *Thunb. I. S.* 4, 1784.
Phalæna sordidata, *Goetz. B.* iii. 342, 1779.
Phalæna Prunaria, var., *Don. B. I.* ix. 13, t. 293, f. 3, 1800.
♀. Angerona Prunaria,* herm. *Dunc. E. M.* 216, t. 27, f. 1, 1841.

228. OPISTOGRAPTIS.

Opistograptis, *Hüb. V.* 292, 1816.
Rumia, *Dup. L. F.* viii. 103, 1829.

1. OPISTOGRAPTIS CRATÆGATA. The Brimstone Moth. B. M.

Phalæna-G. Cratægata, *Linn. F.* ii. No. 1283, 1761.
Rumia Cratægata, *Step. H.* iii. 174, 1831. *West. & H. M.* ii. 15, t. 59, f. 26—28, 1843.
Phalæna-G. luteolata, *Linn. S. Nat.* i. 525, 1758.

229. OURAPTERYX.

Ourapteryx, *Leach, E. E.* ix. 134, 1815.
Therinia, p., *Hüb. V.* 290, 1816.
Acæna, *Treit. S.* vi. 1, 84, 1827.
Urapteryx, *Kirby & Sp. I.* iv. *Index*, 1832?

1. OURAPTERYX SAMBUCARIA. The Swallow-tailed Moth. B. M.

Phalæna-G. Sambucaria, *Linn. S. Nat.* i. 519, 1758.
Ourapteryx Sambucaria, *Step. H.* iii. 175, 1831. *Cur. B. E.* xi. t. 508, 1834.

230. EUDALIMIA.

Eudalimia, *Hüb. V.* 286, 1816, 9.
Phalæna, *Leach, E. E.* ix. 134, 1815.
Campæa, p., *Lam. A. s. V.* iii. 169, 1816, 8.
Metrocampa, *Latr.* (*F. .N* 477, 1825).

1. EUDALIMIA MARGARITARIA. The Light Emerald. B. M.

Phalæna-G. margaritâria, *Linn. F.* ii. No. 1249, 1761.
Campæa margaritaria, *Step. H.* iii. 176, 1831. *West. & H. M.* ii. 16, t. 59, f. 32; t. 60, f. 42, 1843.
Phalæna-G. vernaria, *Hüfn.*—(*Berl. M.* iv. 506, 1770).
Bombyx sesquistriataria, *Esp. S.* iii. 368, t. 72, f. 1, 2, 1785.
Phalæna vitriolata, *Cyr. E. N.* t. iv. f. 4, 1787.
Phalæna-G. bupleuraria, *Vill. E.* iv. 495, 1789.
Phalæna-G. sesquistriaria, *Bork. E. S.* iv. 454, 1789.
♀. Phalæna-G. prosapiaria, *Linn. F.* ii. No. 1252, 1761.

231. ELLOPIA.

Ellopia, *Treit.* (*S.* v. 2, 429, 1825). *Id.* vi. 1, 89, 1827.
Therina, p., *Hüb. V.* 283, 1816.

1. ELLOPIA FASCIARIA. The Barred Red. B. M.

Phalæna-G. fasciaria, *Linn. S. Nat.* i. 521, 1758.
Ellopia fasciaria, *Step. H.* iii. 177, 1831. *West. & H. M.* ii. 16, t. 59, f. 33, 1843.
Phalæna-G. Neustriaria, *Hüfn.*—(*Berl. M.* iv. 520, 1770).
Var.? *a*. Geometra prasinaria,* *Hüb. Ge.* t. 1, f. 4, 1796.

Sub-F. VI. GEOMETRIDI.

Geometridi, *Guén. MSS.*
Chlorochromites, *Dup. C.* 223, 1846.

232. GEOMETRA.

Geometra, *Linn. S. Nat.* ii. 1767.
Hipparchus, *Leach, E. E.* ix. 134, 1815.
Holothalassis, *Hüb. V.* 285, 1816.

1. GEOMETRA PAPILIONARIA. The Large Emerald. B. M.

Phalæna-G. Papilionaria, *Linn. S. Nat.* i. 522, 1758.
Hipparchus Papilionaria, *Step. H.* iii. 178, 1831. *West. & H. M.* ii. 17, t. 60, f. 1, 2, 1843.

233. JODIS.

Jodis, *Hüb. V.* 286, 1816.
Hemithea, p., *Dup. L. F.* viii. 106, 1829.
Chlorochroma, A., *Dup. C.* 224, 1846.

1. JODIS VERNARIA. The Small Emerald. B. M.

Phalæna-G. vernaria, *Linn. F.* ii. No. 1227, 1761.
Hemithea vernaria, *Step. H.* iii. 179, 1831. *West. & H. M.* ii. 17, t. 60, f. 3, 4, 1843.
Phalæna-G. Volutata, *Vill. E.* ii. 373, 1789.
Geometra chrysoprasaria, *Esp. S.* v. 37, t. 5, f. 1—4, 1794.
Phalæna-G. Æruginaria, *Bork. E. S.* v. 43, 1794.
Phalæna lucidata, *Don. B. I.* iii. 67, t. 97, 1795.

234. PSEUDOTERPNA.

Pseudoterpna, *Hüb. V.* 284, 1816.
Hemithea, *Dap. C.* 225, 1846.

1. PSEUDOTERPNA CYTHISARIA. The Grass Emerald. B. M.

Geometra Cythisaria, *Schiff.* (*W. V.* 97, 1776).
Hemithea Cythisaria, *Step. H.* iii. 180, 1831. *West. & H. M.* ii. 18, t. 60, f. 6, 7, 1843.
Phalæna-G. Pruniata, *Hüfn.*—(*Berl. M.* iv. 625, 1770).
Phalæna prasinaria, *Fab. S. E.* 626, 1775.
Phalæna-G. Genistaria, *Vill. E.* ii. 328, 1789.

Var. *a*. Hemithea Coronillaria, *Dup. L. F.* viii. 255, t. 152, f. 3, ♂, 1829.

Var. *b*. Hemithea Agrestaria, *Dup. L. F.* viii. 257, t. 152, f. 4, ♀, 1829.

235. EUCHLORIS.

Euchloris, *Hüb. V.* 283, 1816.
Phorodesma, p., *Bois. I. M.* 2 ed. 179, 1840.

1 EUCHLORIS SMARAGDARIA. The Essex Emerald.

Phalæna Smaragdaria, *Fab. M. I.* ii. 192, 1787...
Geometra Smaragdaria, *Esp. S.* v. 38, t. 5, f. 5—7, 1794.
Hipparchus Smaragdarius, *Cur. B. E.* vii. t. 300, 1830.
Hemithea Smaragdaria, *Step. H.* iii. 179, 1831.

236. COMIBÆNA.

Comibæna, *Hüb. V.* 284, 1816.
Phorodesma, p., *Bois. I. M.* 2 ed. 179, 1840.

1. COMIBÆNA BAJULARIA. The Blotched Emerald. B. M.

Geometra bajularia, *Schiff.* (*W. V.* 97, 1776).
Cleora bajularia, *Step. H.* iii. 181, 1831. *West. & H. M.* ii. 18, t. 60, f. 8, 9, 1843.
Phalæna-G. pustulata, *Hüfn.*—(*Berl. M.* iv. 520, 1770).
Phalæna ditaria, *Fab. G. M.* 286, 1777.

Sub.-F. VII. CLEORIDI.

Cleoridi, *Step. MSS.*

237. CLEORA.

Cleora, *Cur. B. E.* ii. *fo.* 88, 1825.

a. SYNOPSIA.

Synopsia, *Hüb. V.* 317, 1816.

1. CLEORA LICHENARIA. The Brussels' Lace. B. M.

Geometra Lichenaria, *Schiff.* (*W. V.* 100, 1776).
Cleora Lichenaria, *Step. H.* iii. 181, 1831. *West. & H. M.* ii. 18, t. 60, f. 10, 11, 1843.
Var. *a.* Phalæna-G. cineraria, *Bork. E. S.* v. 165, 1794.

2. CLEORA VIDUARIA. The Speckled Beauty.

Geometra viduaria, *Schiff.* (*W. V.* 101, 1776).
Cleora viduaria, *Step. H.* iii. 182, t. 30, f. 2, 1831.
Geometra angularia, *Thunb. I. S.* 59, t. 4, f. 9, ♀, 1792.

b. DRYOCÆTIS.

Dryocætis, *Hüb. V.* 316, 1816.

3. CLEORA GLABRARIA. The Dotted Carpet.

♂. Geometra glabraria, *Hüb. Ge.* t. 65, f. 339, 1801.
♀. Geometra teneraria, *Hüb. Ge.* t. 67, f. 348, 1801.
Cleora teneraria, *Step. H.* iii. 182, 1831. *West. & H. M.* ii. 19, t. 60, f. 13, 1843.
Var. *a.* Geometra glabraria, *Hüb. Ge.* t. 31, f. 162, 1797.

c. Boarmia.

Boarmia, t., *Treit.* (*S.* v. 2, 433, 1825).

4. Cleora cinctaria. The Ringed Carpet.
Geometra cinctaria, *Schiff.* (*W. V.* 101, 1776).
Cleora cinctaria, *Cur. B. E.* ii. t. 88, 1825. *Step. H.* iii. 183, 1831.
Phalæna-G. pascuaria, *Brahm. I. K.* ii. 120, 1791.

238. PARASCOTIA.

Parascotia, *Hüb. V.* 314, 1816.
Boletobia (Genus Dipt.), *Bois. I. M.* 2 ed. 201, 1840.

1. Parascotia fuliginaria. The Waved Black. B. M.
Phalæna-G. fuliginaria, *Linn. F.* ii. No. 1247, 1761.
Fidonia fuliginaria, *Step. H.* iii. 149, 1831. *West. & H. M.* ii. 5, t. 57, f. 11, 12, 1843.
Geometra carbonaria, *Schiff.* (*W. V.* 108, 1776).
♀. Phalæna lunulata,* *Fab. M. I.* ii. 207, 1787.

239. TEPHRONIA.

Tephronia, *Hüb. V.* 318, 1816.
Mniophila (Genus Coleopt.), *Bois. I. M.* 2 ed. 200, 1840.

1. Tephronia corticaria.* The Dusky Carpet. B. M.
Geometra corticaria, *Schiff.* (*W. V.* 100, 1776). *Hüb. Ge.* t. 32, f. 167, ♂, 1797.
Boarmia corticaria, *Dup. L. F.* viii. 388, t. 162, f. 3, ♂, f. 4, ♀, 1829.

Sub-F. VIII. BOARMIDI.

Boarmidi, *Guén. MSS.*
Boarmites, *Dup. C.* 228, 1846.

240. ALCIS.

Alcis, *Cur. B. E.* iii. *fo.* 113, 1825.
Boarmia, p., *Treit.* (*S.* v. 2, 433, 1825).
Boarmia, *Bois. I. M.* 2 ed. 196, 1840.

a. DRYOCÆTIS.

Dryocætis, t., *Hüb. V.* 316, 1816.

1. ALCIS ROBORARIA. The Great Oak Beauty. B. M.

Geometra Roboraria, *Schiff.* (*W. V.* 101, 1776).
Alcis Roboraria, *Step. H.* iii. 187, 1831. *West. & H. M.* ii. 20, t. 60, f. 23, 24, 1843.
Phalæna-G. leucophearia, *Vill. E.* ii. 323, 1789.
Geometra grandaria, *Haw.* (*Pr.* 20, 1802).
Var. *a.* Geometra piperitaria, *Haw. MSS.*, var. minor.

2. ALCIS CONSORTARIA. The Pale Oak Beauty. B. M.

Phalæna consortaria, *Fab. M. I.* ii. 187, 1787.
Alcis consortaria, *Step. H.* iii. 186, 1831. *West. & H. M.* ii. 21, t. 60, f. 28, 29, 1843.
Phalæna-G. consobrinaria, *Bork. E. S.* v. 152, 1794.

b. DEILEPTENIA.

Deileptenia, *Hüb. V.* 316, 1816.

3. ALCIS ABIETARIA. The Satin Carpet. B. M.

Geometra Abietaria, *Schiff.* (*W. V.* 101, 1776).
Geometra gemmaria Abietis, *Esp. S.* v. 217, t. 39, f. 1–6, 1795—98.
Alcis sericearia, *Cur. B. E.* iii. t. 113, 1825. *Step. H.* iii. 186, 1831.

4. ALCIS REPANDATA. The Mottled Beauty. B. M.

Phalæna-G. repandata, *Linn. S. Nat.* i. 524, 1758.
Alcis repandata, *Step. H.* iii. 184, 1831.
Alcis repandaria, *West. & H. M.* ii. 19, t. 60, f. 16—20, 1843.
Var. *a.* Geometra destrigaria, *Haw. L. B.* 275, 1810.
Alcis destrigaria, *Step. H.* iii. 185, 1831. *Wood, I. E.* t. 19, f. 505.
Var. *b.* Geometra conversaria, *Hüb. Ge.* t. 62, f. 321, 1801. *S.* iii. 185, var. *Hatchett.—Ent. Tr.* i. 328, t. 9, f. 2, 1812.
Alcis conversaria, *Step. H.* iii. 185, 1831.
Var. *c.* Alcis muraria, *Cur. B. E.* iii. *fo.* 113, 1825. *Step. H.* iii. 185, 1831. *Wood, I. E.* t. 19, f. 506.

5. ALCIS RHOMBOIDARIA. The Willow Beauty. B. M.

Geometra rhomboidaria, *Schiff.* (*W. V.* 101, 1776).
Alcis rhomboidaria, *Step. H.* iii. 187, 1831. *West. & H. M.* ii. 20, t. 60, f. 25—27, 1843.
Phalæna-G. Ribearia, *Linn ? F.* ii. No. 1239, 1761.
Phalæna-G. gemmaria, *Brahm. I. K.* ii. 255, 1791.
Var. *a.* Geometra consobrinaria, *Haw. L. B.* 276, 1810.
Alcis consobrinaria, *Step. H.* iii. 188, 1831. *Wood, I. E.* t. 20, f. 512.
Var. *b.* Alcis australaria, *Cur. B. E.* iii. *fo.* 113, 1825.
Var. *c.* Geometra Devoniaria, *Haw. MSS.*
Var. *d.* Alcis fimbriaria, *Step. H.* iii. 188, t. 30, f. 1, 1831.

241. HEMEROPHILA.

Hemerophila, *Step.* (*Cat.* ii. 125, 1829). *Id. H.* iii. 189, 1831.
Synopsia, p., *Hüb. V.* 317, 1816.

1. HEMEROPHILA ABRUPTARIA. The Waved Umber. B. M.

Geometra abruptaria, *Thunb. I. S.* 59, t. 4, f. 8, 1792.
Hemerophila abruptaria, *Step. H.* iii. 189, 1831.
Phalæna suberaria, *Don. B. I.* 91, t. 251, f. 1, 1798.
Geometra petrificata, *Hüb. Ge.* t. 52, f. 267, 1799.

242. BOARMIA.

Boarmia, *Step. H.* iii. 190, 1831.
Tephrosia, *Bois. I. M.* 2 ed. 198, 1840.

a. Deileptenia.

Deileptenia, p., *Hüb. V.* 316, 1816.

1. Boarmia extersaria. The Brindled White-spot. B. M.

Geometra extersaria, *Hüb. Ge.* t. 30, f. 159, 1797.
Boarmia extersaria, *Step. H.* iii. 192, 1831.
Tephrosia extersaria, *West. & H. M.* ii. 23, t. 61, f. 6, 1843.

b. Ectropis.

Ectropis, *Hüb. V.* 316, 1816.

2. Boarmia consonaria. The Square Spot. B. M.

Geometra consonaria, *Hüb. Ge.* t. 30, f. 157, 1797.
Geometra tetragonaria, *Haw. MSS.*
Boarmia tetragonaria, *Cur. B. E.* vi. t. 280, 1829. *Step. H.* iii. 190, 1831.
Var. *a.* Boarmia trigonaria, *Step.* (*Cat.* ii. No. 6504, 1829).

3. Boarmia crepuscularia. The Small Engrailed. B. M.

Geometra crepuscularia, *Schiff.* (*W. V.* 101, 1776).
Boarmia crepuscularia, *Step. H.* iii. 191, 1831.
Tephrosia crepuscularia, *West. & H. M.* ii. 22, t. 61, f. 4, 5, 1843.
Geometra similaria, *Hüfn.*—(*Berl. M.* iv. 512, 1770).
Phalæna-G. bistortata, *Goetz. B.* iii. 438, 1779.
Phalæna-G. biundularia, *Vill. E.* ii. 337, 1789.
Var. *a.* Geometra consonaria, *Haw. L. B.* 277, 1810.
Boarmia consonaria, *Step. H.* iii. 192, 1831. *Wood, I. E.* t. 20, f. 518.
Var. *b.* Boarmia strigularia, *Step. H.* iii. 192, 1831. *Wood, I. E.* t. 20, f. 519.

4. Boarmia Laricaria. The Engrailed. B. M.

Boarmia Laricaria, *Doub.* (*List*, 15, 1848).
Geometra biundularia, *Esp. S.* v. 222, t. 40, f. 3, 1795—98.
Geometra Abietaria? *Haw. L. B.* 276, 1810.
Boarmia Abietaria, *Step. H.* iii. 191, 1831.
Tephrosia Abietaria, *West. & H. M.* ii. 22, t. 61, f. 3, t. 60, f. 22, 1843.

c. SELIDOSEMA.

Selidosema, *Hüb. V.* 299, 1816.

5. BOARMIA PUNCTULARIA. The Gray Birch. B. M.

Geometra punctularia, *Schiff.* (*W. V.* 106, 1776).
Boarmia punctularia, *Step. H.* iii. 103, 1831. *Wood, I. E.* t. 20, f. 521.
Geometra tigris, *Walsh.—Naturf.* xiii. 31, t. 3, f. *a*, *b*, 1793.
Var.? *a*. Geometra punctulata, *Hüb. Ge.* t. 105, f. 545, 1813.

Sub.-F. IX. GNOPHIDI.

Gnophidi, *Guén. MSS.*
Gnophites, *Dup. C.* 226, 1846.

243. CHARISSA.

Charissa, *Cur. B. E.* iii. *fo.* 105, 1826.
Catascia, p., *Hüb. V.* 313, 1816.
Elophos, †† *Bois. I. M.* 2 ed. 199, 1840.

1. CHARISSA OBFUSCATA. The Scotch Annulet. B. M.

Geometra obfuscata, *Schiff.* (*W. V.* 108, 1776). *Hüb. Ge.* t. 27, f. 142, 1798.
Charissa operaria, *Cur. B. E.* iii. t. 105, 1826. *Step. H.* iii. 267, 1831.

244. GNOPHOS.

Gnophos, *Treit.* (*S.* v. 2, 432, 1825). *Id.* vi. 1, 160, 1827.
Scotopteryx, p., *Hüb. V.* 313, 1816.

1. GNOPHOS PULLATA. The Brown Annulet. B. M.

Geometra pullata, *Schiff.* (*W. V.* 108, 1776).
Charissa pullata, *Step. H.* iii. 267, 1831.
Geometra dilucidaria, *Esp.? S.* v. t. 49, f. 3, 1796.
Phalæna 4-pustularia, *Don. B. I.* xiii. 63, t. 463, 1808.
Var. *a*. Geometra serotinaria, *Haw. L. B.* 311, 1810.
Charissa serotinaria, *Step. H.* iii. 267, 1831. *Wood, I. E.* t. 23, f. 629.

2. GNOPHOS OBSCURATA. The Dark Annulet. B. M.

Geometra obscurata, *Schiff.* (*W. V.* 108, 1776).
Charissa obscurata, *Step. H.* iii. 266, 1831.
Charissa obscuraria, *West. & H. M.* ii. 52, t. 67, f. 6, 7, 1843.
Geometra lividata, *Fab. M. I.* ii. 199, 1787.
Geometra carbonaria, *Esp. S.* v. t. 25, f. 3, 7, 1795.
Geometra anthracinaria, *Esp. S.* v. 127, 1796.
Var. *a.* Charissa dilucidaria, *Step. H.* iii. 267, 1831. *Wood, I. E.* t. 23, f. 627.

Sub-F. X. CABERIDI.

Caberidi, *Guén. MSS.*
Caberites, *Dup. C.* 268, 1846.

245. ANAGOGE.

Anagoge, *Hüb. V.* 294, 1816.
Azinephora, *Step.* (*Cat.* ii. 126, 1829).
Numeria, *Dup. L. F.* viii. 107, 1829.

1. ANAGOGE PULVERARIA. The Barred Umber. B. M.

Phalæna-G. pulveraria, *Linn. S. Nat.* i. 521, 1758.
Numeria pulveraria, *Step. H.* iii. 195, 1831. *West. & H. M.* ii. 24, t. 61, f. 11, 12, 1843.

246. CABERA.

Cabera, *Treit.* (*S.* v. 2, 437, 1825). *Id.* vi. 1, 343, 1827.
Deilinia, *Hüb. V.* 310, 1816.
Cabira, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

1. CABERA PUSARIA. The Common White Wave. B. M.

Phalæna-G. pusaria, *Linn. S. Nat.* i. 522, 1758.
Cabera pusaria, *Step. H.* iii. 196, 1831. *West. & H. M.* ii. 24, t. 61, f. 13, 14, 1843.
Phalæna strigata, *Scop. C.* No. 541, 1763.

2. CABERA ROTUNDARIA. The Round-winged Wave. B. M.
Geometra rotundaria, *Haw. L. B.* 289, 1810.
Cabera rotundaria, *Step. H.* iii. 196, 1831. *Wood, I. E.* t. 20, f. 525.
Geometra confinaria, *Frey. B.* i. 115, t. 60, f. 2, 1833.

3. CABERA EXANTHEMATA. The Common Wave. B. M.
Geometra exanthemata, *Scop. C. No.* No. 542, 1763.
Cabera exanthemata, *Step. H.* iii. 197, 1831. *Wood, I. E.* t. 20, f. 526.
Geometra striaria, *Hüb. Ge.* t. 17, f. 87, 1796.
Var. *a.* Geometra arenosaria, *Haw. L. B.* 289, 1810.
Var. *b.* Geometra approximata, *Haw.* (*Pr.* 23, 1802). *Id. L. B.* 289, 1810.

247. ALEUCIS.

Aleucis, *Guén. MSS.*
Cleora? *Step.* (*Cat.* ii. 123, 1829).
Cidaria, *Cur. B. E.* x. *fo.* 447, 1833.

1. ALEUCIS PICTARIA. The Gray Carpet.
Geometra pictaria, *Thunb.? I. S.* 6, t. 1, f. 5, ♂? 1784.
Cleora? pictaria,? *Step. H.* iii. 183, 1831.
Cidaria pictaria, *Cur. B. E.* x. t. 447, 1833.

248. EPHYRA.

Ephyra, *Dup. L. F.* viii. 108, 1829.
Cyclophora, *Step.* (*Cat.* ii. 127, 1829).

a. LEUCOPHTHALMIA.

Leucophthalmia, *Hüb. V.* 302, 1816.

1. EPHYRA OMICRONARIA. The Mocha. B. M.
Geometra omicronaria, *Schiff.* (*W. V.* 107, 1776).
Ephyra omicronaria, *Step. H.* iii. 198, 1831. *Wood, I. E.* t. 20, f. 527.
Geometra annulata, *Fab. Sp. I.* ii. 249, 1781.

2. EPHYRA ORBICULARIA. The Dingy Mocha. B. M.

Geometra orbicularia, *Hüb. Ge.* t. 12, f. 60, 1796.
Ephyra orbicularia, *Step. H.* iii. 198, 1831. *Wood, I. E.* t. 20, f. 529.

b. CODONIA.

Codonia, *Hüb. V.* 302, 1816.

3. EPHYRA PENDULARIA. The Birch Mocha. B. M.

Phalæna-G. pendularia, *Linn. F.* ii. No. 1244, 1761.
Ephyra pendularia, *Step. H.* iii. 199, 1831. *Wood, I. E.* t. 20, f. 528.
Phalæna-G. albipunctata, *Hüfn.*—(*Berl. M.* iv. 526, 1770).
Phalæna-G. pupillaria, *Brahm. I. K.* ii. 385, 1791.
Var. *a.* Geometra circularia, *Fab. E. S. Sup.* 451, 1798.

4. EPHYRA PORATA. The False Mocha. B. M.

Phalæna-G. porata, *Linn. S. Nat.* ii. 866, 1767.
Ephyra porata, *Step. H.* iii. 200, 1831. *Wood, I. E.* t. 20, f. 530.
Geometra punctaria, *Schiff.* (*W. V.* 107, 1776).
Geometra Hübneraria, *Haw.* (*Pr.* 24, 1802).
Geometra ocellaria, *Haw. L. B.* 312, 1810.

5. EPHYRA PUNCTARIA. The Maiden's Blush. B. M.

Phalæna-G. punctaria, *Linn. S. Nat.* i. 522, 1758.
Ephyra punctaria, *Step. H.* iii. 201, 1831. *Wood, I. E.* t. 20, f. 531.
Phalæna-G. fultraria, *Vill. P E.* ii. 330, 1789.
Phalæna communifasciata, *Don. B. I.* xiii. 49, t. 456, 1808.
Var. *a.* Geometra subangularia, *Haw. L. B.* 313, 1810.

c. ADACTYLOTIS.

Adactylotis, p., *Hüb. V.* 304, 1816.

6. EPHYRA TRILINEARIA. The Clay Triple-lines. B. M.
Phalæna-G. trilinearia, *Bork. E. S.* v. 502, 1794.
Ephyra trilinearia, *Step. H.* iii. 201, 1831. *Wood, I. E.* t. 20, f. 532.
Geometra linearia, *Hüb. Ge.* t. 13, f. 68, 1796.

Sub-F. XI. EPIONIDI.

Epionidi, *Step. MSS.*
Eunomidi, p., *Dup. C.* 216, 1846.

249. BRADYEPETES.

Bradyepetes, *Step.* (*Cat.* ii. 128, 1829). *Id. H.* iii. 201, 1831.
Calothysanis, p., *Hüb. V.* 301, 1816.
Timandra, p., *Dup. L. F.* viii. 105, 1829.

1. BRADYEPETES AMATARIA. The Blood-vein. B. M.
Phalæna-G. amataria, *Linn. F.* ii. No. 1223, 1761.
Bradyepetes amataria, *Step. H.* iii. 202, 1831. *Wood, I. E.* t. 20, f. 533.
Phalæna-G. amata, *Linn. S. Nat.* i. 525, 1758.
Phalæna-G. vibicaria, *Hüfn.*—(*Berl. M.* iv. 514, 1770).
Phalæna amatorio, *Don. B. I.* i. 74, t. 33, f. 1, 1792.

250. EPIONE.

Epione, *Dup. L. F.* viii. 105, 1829.

a. EUCHLÆNA.

Euchlæna, *Hüb.* (*V.* 293, 1816).

1. EPIONE APICIARIA. The Bordered Beauty.
Geometra apiciaria, *Schiff.* (*W. V.* 104, 1776).
Epione apiciaria, *Step. H.* iii. 203, 1831.
Phalæna-G. marginaria, *Vill. E.* ii. 303, 1789.
Phalæna vespertaria, *Don. B. I.* vii. 47, t. 233, f. 3, 1798.

2. EPIONE VESPERTARIA. The Dark-bordered Beauty. B. M

Phalæna-G. vespertaria, *Linn. S. Nat.* ii. 864, 1767.
Epione vespertaria, *Step. H.* iii. 204, t. 28, f. 3, 1831.
Phalæna-G. repandaria, *Hüfn.*—(*Berl. M.* iv. 508, 1770).
Geometra parallelaria, *Schiff.* (*W. V.* 104, 1776).
Phalæna-G. affiniaria, *Bork. E. S.* v. 136, 1794.

b. CEPPHIS.

Cepphis, *Hüb. V.* 294, 1816.

3. EPIONE ADVENARIA. The Little Thorn. B. M.

Phalæna-G. advenaria, *Bork. E. S.* iv. 137, 1794.
Epione advenaria, *Step. H.* iii. 204, 1831. *Wood, I. E:* t. 20, f. 536.

251. PLAGODIS.

Plagodis, *Hüb. V.* 294, 1816.
Eurymene, *Dup. L. F.* viii. 105, 1829.

1. PLAGODIS DOLABRARIA. The Scorched Wing. B. M.

Phalæna-G. dolabraria, *Linn. S. Nat.* ii. 861, 1767.
Eurymene dolabraria, *Step. H.* iii. 205, 1831. *West. & H. M.* ii. 28, t. 62, f. 7, 8, 1843.
Phalæna-G. ustulataria, *Hüfn.*—(*Berl. M.* iv. 516, 1770).

Sub.-F. XII. ASPILATIDI.

Aspilatidi, *Step. MSS.*
Aspilatites, *Dup. C.* 242, 1846.

252. ASPILATES.

Aspilates, *Treit. S.* vi. 1, 126, 1827.
Paralella, *Sodoff.*—(*Bull. S. I. Mosc.* 17, 1837).

a. Eusarca.

Eusarca, *Hüb.* (*S. V.* 40, 1822).

1. Aspilates citraria. The Yellow Belle. B. M.

Geometra citraria, *Hüb. Ge.* t. 40, f. 212, 1799.
Aspilates citraria, *Step. H.* iii. 208, 1831. *West. & H. M.* ii. 28, t. 62, f. 9, 10, 1843.
Geometra trifoliaria, *Haw.* (*Pr.* 23, 1802).

2. Aspilates gilvaria. The Straw Belle. B. M.

Geometra gilvaria, *Schiff.* (*W. V.* 102, 1776).
Aspilates gilvaria, *Step. H.* iii. 208, 1831. *Cur. B. E.* x. t. 467, 1833.
Geometra 4-punctata, *Goëz. B.* iii. 388, 1779.

253. PERCONIA.

Perconia, t., *Hüb. V.* 296, 1816.
Cabera, p., *Treit. S.* vi. 1, 348, 1827.

1. Perconia strigillaria. The Grass Wave. B. M.

Geometra strigillaria, *Hüb. Beit.* i. 13, t. 2, f. I., 1789.
Aspilates strigillaria, *Step. H.* iii. 209, 1831.
Var. *a.* Geometra respersaria, *Hüb. Ge.* t. 23, f. 125, 1797. *West. & H. M.* ii. 29, t. 62, f. 13, 1843.
Var. *b.* Geometra majuscularia, *Haw.* (*Pr.* 23, 1802).
Var. *c.* Geometra inæquaria, *Haw. L. B.* 288, 1810.

254. ORTHOLITHA.

Ortholitha, *Hüb. V.* 338, 1816.
Phasiane, *Dup. L. F.* viii. 109, 1829.

1. Ortholitha plumbaria. The Belle. B. M.

Geometra plumbaria, *Fab. S. E.* 628, 1775.
Phasiane plumbaria, *Step. H.* iii. 209, 1831. *West. & H. M.* ii. 29, t. 62, f. 15, 1843.

Phalæna-G. luridata, *Hüfn.*—(*Berl. M.* iv. 526, 1770).
Geometra palumbaria, *Schiff.* (*W. V.* 102, 1776).
Var. *a.* Phalæna mucronata, *Scop.*? *C.* No. 552, 1763.

255. LOZOGRAMMA.

Lozogramma, *Step.* (*Cat.* ii. 141, 1829). *Id. H.* iii. 258, 1831.
Lithina, p., *Hüb. V.* 338, 1816.

1. LOZOGRAMMA PETRARIA. The Brown Silver Line. B. M.
Geometra petraria, *Esp. S.* v. (276), t. 49, f. 1, 1796—99.
Lozogramma petraria, *Step. H.* iii. 259, 1831. *West. & H. M.* ii. 49, t. 66, f. 14, 1843.
Phalæna chlorosata, *Scop.*? *C.* No. 551, 1763.
Phalæna-G. virgaria, *Bork.*? *E. S.* v. 61, 1794.

256. MESOGRAMMA.

Mesogramma, *Step. MSS.*
Mesotype, p., *Hüb. V.* 338, 1816.

1. MESOGRAMMA LINEOLATA. The Oblique Striped. B. M.
Geometra lineolata, *Schiff.* (*W. V.* 102, 1776).
Phibalapteryx? lineolata, *Step. H.* iii. 257, 1831. *West. & H. M.* ii. 49, t. 66, f. 12, 1843.
Phalæna-G. virgata, *Hüfn.*—(*Berl. M.* iv. 608, 1770).
Var. *a.* Phibalapteryx virgata, *Cur. B. E.* xiii. t. 623, 1836.
Phibalapteryx cognata, *Step.* (*Cat.* ii. 138, No. 6604, 1829).

Sub-F. XIII. EUBOLIDI.

Eubolidi, *Step. MSS.*
Eubolites, *Dup. C.* 247, 1846.

257. CELMA.

Celma, *Step. H.* iii. 242, 1831.
Carsia, p., *Hüb. V.* 336, 1816.
Larissa, p., *Cur. B. E.* vii. *fo.* 324, 1830.

1. CELMIA IMBUTATA. The Manchester Treble-bar. B. M.

Geometra imbutata, *Hüb. Ge.* t. 78, f. 403, 1806.
Larissa imbutata, *Cur. B. E.* vii. t. 324, 1830.
Celma imbutata, *Step. H.* iii. 142, 1831.

258. ANAITIS.

Anaïtis, *Dup. L. F.* viii. 111, 1829.
Carsia, p., *Hüb. V.* 336, 1816.

1. ANAITIS PLAGIATA. The Slender Treble-bar. B. M.

Phalæna-G. plagiata, *Linn. S. Nat.* i. 526, 1758.
Anaïtis plagiata, *Step. H.* iii. 143, 1831. *West. & H. M.* ii. 43, t. 64, f. 25, 1843.
Phalæna duplicata, *Fab. S. E.* 63, 6, 1775.
Var. *a.* Anaïtis plagiata, *Wood, I. E.* t. 22, f. 596.

*2. ANAITIS PRÆFORMATA. The Purple Treble-bar.

Geometra præformata, *Hüb. Ge.* t. 103, f. 532, 533, 1824.
Anaïtis præformata, *Step. H.* iii. 244, 1831.
Larentia Cassiata, *Treit. S.* vi. 2, 85, 1828.

259. EUBOLIA.

Eubolia, *Dup. L. F.* viii. 109, 1829.
Larentia, p., *Treit.* (*S.* v. 2, 440, 1825).
Cymazonita, *Sodoff.*—(*Bull. S. I. Mosc.* 13, 1837).

a. PLEROCYMIA.

Plerocymia, t., *Hüb. V.* 330, 1816.

1. EUBOLIA CERVINATA. The Mallow Moth. B. M

Geometra cervinata, *Schiff.* (*W. V.* 111, 1776).
Larentia cervinata, *Step. H.* iii. 211, 1831. *Cur. B. E.* xv. t. 707, 1838.
Geometra fasciaria, *Schwar. R. K.* 313, 1791.
Geometra clavaria, *Haw. L. B.* 302, 1810.

b. MESOTYPE.

Mesotype, p., *Hüb. V.* 338, 1816.

[B. M.

2. EUBOLIA MENSURARIA. The Small Mallow, or Aurelian's Plague.

Geometra mensuraria, *Schiff.* (*W. V.* 111, 1776).
Geometra Chenopodiaria, *Esp. S.* v. (246), t. 44, f. 6—8. 1795—98.
Geometra Chenopodiata, *Haw. L. B.* 302, 1810.
Larentia Chenopodiata, *Step. H.* iii. 211, 1831.
Larentia Chenopodiaria, *West. & H. M.* ii. 30, t. 62, f. 17, 22, 1843.
Phalæna limitata, *Scop.? C.* No. 568, 1763.

260. EUSEBIA.

Eusebia, *Dup. C.* 249, 1846.
Entephria, p., *Hüb. V.* 332, 1816.

1. EUSEBIA BIPUNCTARIA. The Chalk Carpet. B. M.

Geometra bipunctaria, *Schiff.* (*W. V.* 111, 1776).
Larentia bipunctaria, *Step. H.* iii. 212, 1831. *West. & H. M.* ii. 30, t. 62, f. 18, 1843.
Phalæna undulata, *Scop.?* (*C.* No. 555, 1763).

261. ERINOBIA.

Erinobia, *Step. MSS.*

1. ERINOBIA MULTISTRIGARIA. The Mottled Gray. B. M.

Geometra multistrigaria, *Haw. L. B.* 306, 1810.
Larentia? multistrigaria, *Step. H.* iii. 212, 1831. *West. & H. M.* ii. 31, t. 62, f. 20, 1843.
Eubolia occultaria, *Bois. MSS?*

262. VENUSIA.

Venusia, *Cur. B. E.* xvi. *fo.* 759, 1839.

1. VENUSIA CAMBRICA. The Welsh Wave.
Venusia cambrica, *Cur. B. E.* xvi. t. 759. 1839.
Eubolia erutaria, *Bois. I. M.* 2 ed. 203, 1840.

263. COREMIA.

Coremia, *Guén.—Dup. C.* 249, 1846.
Cidaria, p., *Treit.* (*S.* v. 2, 442, 1825).
Zerynthia, *Cur. B. E.* vii. *fo.* 296, 1830.
Zonodonta, *Sodoff.*—(*Bull. S. I. Mosc.* 18, 1837).

a. TEPHRONIA.

Tephronia, p., *Hüb. V.* 317, 1816.

1. COREMIA DIDYMATA. The Twin-spot Carpet. B. M.
Phalæna-G. didymata, *Linn. S. Nat.* i. 528, 1758.
Cidaria didymata, *Step. H.* iii. 214, 1831. *West. & H. M.* ii. 33, t. 63, f. 1, 1843.
Geometra scabrata, *Hüb. Ge.* t. 44, f. 229, 1798.

b. MALENYDRIS.

Malenydris, *Hüb. V.* 329, 1816.

2. COREMIA SALICATA. The Striped Twin-spot Carpet.
Geometra Salicata, *Schiff.* (*W. V.* 109, 1776).
Cidaria Salicata, *Step. H.* iii. 217, 1831.
Geometra Salicaria, *Hüb. Ge.* t. 53, f. 273, 1799. *Wood, I. E.* t. 21, f. 554.
Var. *a.* Zerynthia latentaria, *Cur. B. E.* vii. t. 296, 1830.
Cidaria latentaria, *Step. H.* iii. 217, 1831.

c. OCHYRIA.

Ochyria, *Hüb. V.* 334, 1816.

3. COREMIA FERRUGATA. The Red Twin-spot Carpet. B. M.
Phalæna-G. ferrugata, *Linn. F.* ii. No. 1292, 1761.
Cidaria ferrugata, *Step. H.* iii. 216, 1831. *Wood, I. E.* t. 1, f. 553.

Phalæna-G. corculata, *Hüfn.*—(*Berl. M.* iv. 616, 1770).
Geometra Alchemillata, *Esp. S* v. t. 40, f. 5, 6, 1795.
Var. *a.* Phalæna-G. Linariaria, *Bork. E. S.* v. 381, 1794.
Var. *b.* Phalæna-G. spadicearia, *Bork. E. S.* v. 389, 1794.
Var. *c.* Geometra Salicaria, *Haw. L. B.* 309, 1810.

[B. M.

4. Coremia unidentaria. The Dark-barred Twin-spot Carpet.
Geometra unidentaria, *Haw.* (*Pr.* 23, 1802). *Id. L. B.* 308, 1810.
Cidaria unidentaria, *Step. H.* iii. 215, 1831. *Wood, I. E.* t. 21, f. 551.
Geometra quadrifasciaria, *Hüb. Ge.* t. 55, f. 284 ? 1799.
Eubolia ferrugaria, var., *Bois. MSS.?*

5. Coremia Ligustrata. The Large Twin-spot Carpet. B. M.
Geometra Ligustrata, *Hüb. Ge.* t. 55, f. 282, 1799.
Phalæna-G. quadrifasciaria, *Linn.? F.* ii. No. 1253, 1761.
Cidaria quadrifasciaria, *Step. H.* iii. 215, 1831. *Wood, I. E.* t. 11, f. 552.

d. Plemmyra.

Plemmyra, p., *Hüb. V.* 327, 1816.

6. Coremia fluctuata. The Garden Carpet. B. M.
Phalæna-G. fluctuata, *Linn. S. Nat.* i. 527, 1758.
Cidaria fluctuata, *Step. H.* iii. 219, 1831. *West. & H. M.* ii. 34, t. 63, f. 12, 13, 1843.
Var. *a.* Phalæna costovata, *Haw.* (*Pr.* 25, 1802). *Id. L. B.* 334, 1810.
Var. *b.* Coremia integrata, *Step. MSS.*

e. Xanthorhoe.

Xanthorhoë, p., *Hüb. V.* 327, 1816.

7. Coremia montanata. The Silver Ground Carpet. B. M.
Geometra montanata, *Schiff.* (*W. V.* 113, 1776).
Cidaria montanata, *Step. H.* iii. 219, 1831. *West. & H. M.* ii. 34, t. 63, f. 11, 1843.
Phalæna-G. implicata, *Vill. E.* ii. 386, t. 6, f. 21, 1789.

f. Amæbe.

Amœbe, *Hüb. V.* 333, 1816.

8. Coremia olivata. The Beech-green Carpet. B. M.

Geometra olivata, *Schiff.* (*W. V.* 112, 1776).
Cidaria olivata, *Step. H.* iii. 218, 1831. *Wood, I. E.* t. 21, f. 557.
♂. Geometra alboviridaria, *Haw.* (*Pr.* 23, 1802).
♀. Phalæna alboviridata, *Haw.* (*Pr.* 26, 1802).

9. Coremia miaria. The Green Carpet. B. M.

Geometra miaria, *Schiff.* (*W. V.* 113, 1776).
Cidaria miaria, *Step. H.* iii. 218, 1831. *Wood, I. E.* t. 21, f. 556.
Phalæna-G. rectangulata, *Hüfn.*—(*Berl. M.* iv. 606, 1770).
Phalæna viridata, *Fab. S. E.* 626, 1775.
Geometra pectinitaria, *Fuesl. M.* i. 218, 1782.
Phalæna pectinitaria, *Don. B. I.* xiv. 33, t. 479, f. 1, 1810.

g. Cidaria.

Cidaria, *Treit.* (*S.* v. 2, 442, 1825).
Ochyria, p., *Hüb. V.* 334, 1816.

10. Coremia propugnata. The Flame Carpet. B. M.

Geometra propugnata, *Schiff.* (*W. V.* 112, 1776).
Cidaria propugnata, *Step. H.* iii. 220, 1831. *Wood, I. E.* t. 21, f. 560.
Phalæna-G. designata, *Hüfn.*—(*Berl. M.* iv. 612, 1770).
Phalæna lynceata, *Don. B. I.* x. 65, t. 349, f. 3, 1801.

h. Ochyria.

Ochyria, p., *Hüb. V.* 334, 1816.

11. Coremia munitata. The Red Carpet. B. M.

Geometra munitata, *Hüb. Ge.* t. 66, f. 346, 1801.
Cidaria munitata, *Step. H.* iii. 215, 1831. *Wood, I. E. t.* 21, f. 550.

Sub-F. XIV. CIDARIDI.

Cidaridi, *Step. MSS.*
Cidarites, *Dup. C.* 251, 1846.

264. ELECTRA.

Electra, *Step.* (*Cat.* ii. 135, 1829). *Id. H.* iii. 238, 1831.

a. PELURGA.

Pelurga, *Hüb. V.* 334, 1816.

1. ELECTRA SAGITTATA.* The Marsh Carpet.
Phalæna Sagittata, *Fab. M.* ii. 210, 1787.
Geometra comitata, *Hüb. Ge.* t. 60, f. 310, 1800.

2. ELECTRA CHENOPODIATA. The Dark Spinach Moth. B. M.
Phalæna-G. Chenopodiata, *Linn.? F.* ii. No. 1263, 1761.
Geometra Chenopodiata, *Hüb. Ge.* t. 58, f. 299, 1800.
Phalæna-G. comitata, *Linn. Mus.*
Electra comitata, *Step. H.* iii. 239, 1831. *West. & H. M.* ii. 42, t. 64, f. 18, 1843.

b. LYGRIS.

Lygris, *Hüb. V.* 335, 1816.

3. ELECTRA POPULATA. The Northern Spinach Moth. • B. M.
Phalæna-G. Populata, *Linn.? S. Nat.* i. 525, 1758.
Electra Populata, *Step. H.* iii. 239, 1831. *West. & H. M.* ii. 42, t. 64, f. 19, 20, 1843.
Phalæna-G. dotata, *Linn. Mus.*
Phalæna cuspidata, *Stew. E.* ii. 164, 1802.

4. ELECTRA ACHATINATA. The Broad Chiverned Moth. B. M.
Geometra Achatinata, *Hüb. Ge.* t. 58, f. 301, ♂ ; t. 79, f. 408, ♀, 1800—7.
Electra Achatinata, *Step. H.* iii. 241, 1831. *Wood, I. E.* t. 22, f. 593, ♀.
Phalæna-G. testata, *Linn.? F.* ii. No. 1262, 1761.
Electra testata, *Step. H.* iii. 240, ♂, 1831. *Wood, I. E.* t. 22, f. 592, ♂.

5. ELECTRA PYRALIATA. The Barred Straw. B. M.
Geometra Pyraliata, (*Schiff. W. V.* 117, 1776).
Electra Pyraliata, *Step. H.* iii. 241, 1831. *Wood, I. E.* t. 22, f. 594.
Phalæna-G. Populata, *Clerck, Ic.* 5, f. 13, 14, 1758.

c. EUPHIA.

Euphia, *Hüb. V.* 336, 1816.

6. ELECTRA MARMORATA. The Spinach. B. M.
Geometra marmorata, *Hüb. Ge.* t. 54, f. 279, 1799.
Phalæna Spinachiata, *Haw.* (*Pr.* 26, 1802). *Id. L. B.* 341, 1810.
Electra Spinachiata, *Step. H.* iii. 240, 1831. *West. & H. M.* ii. 42, t. 64, f. 21, 1843.
Phalæna-G. dotata, *Clerck, Ic.* 5, f. 15, 1758.

265. HARPALYCE.

Harpalyce, *Step.* (*Cat.* ii. 131, 1829). *Id. H.* iii. 220, 1831.

a. EUPHIA.

Euphia, p., *Hüb. V.* 336, 1816.

1. HARPALYCE FULVATA. The Clouded Yellow. B. M.
Phalæna-G. fulvata, *Forst. Cent.* 76, 1771.—(*Schiff. W. V.* 112, 1776).
Harpalyce fulvata, *Step. H.* iii. 221, 1831. *Wood, I. E.* t. 21, f. 561.
Phalæna sociata, *Fab. S. E.* 637, 1775.

b. Cosmorhoe.

Cosmorhoë, *Hüb. V.* 326, 1816.

2. Harpalyce ocellata. The Purple Bar. B. M.

Phalæna-G. ocellata, *Linn. S. Nat.* i. 527, 1768.
Harpalyce ocellata, *Step. H.* iii. 222, 1831. *Wood, I. E.* t. 21, f. 562.
Phalæna fasciata, *Scop. C.* No. 550, 1763.
Phalæna-G. tridentata, *Hüfn.*—(*Berl. M.* iv. 618, 1770).
Phalæna lyncea, *Fab. S. E.* 635, 1775.

c. Xanthorhoe.

Xanthorhoë, p., *Hüb. V.* 327, 1816.

3. Harpalyce Galiata. The Galium Carpet. B. M.

Geometra Galiata, *Schiff.* (*W. V.* 113, 1776).
Harpalyce Galiata, *Step. H.* iii. 222, 1831. *Wood, I. E.* t. 21, f. 563.
Var. *a.* Geometra chalybeata, *Hüb. Ge.* t. 67, *f.* 350, 1802.
Var. *b.* Phalæna unilobata, *Haw. L. B.* 331, 1810.
Harpalyce unilobata, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 564.
Var. *c.* Phalæna 4-annulata, *Haw. L. B.* 331, 1810.
Harpalyce 4-annulata, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 565.

d. Euphia.

Euphia, p., *Hüb. V.* 326, 1816.

4. Harpalyce picata. The Short Cloak Carpet. B. M.

Geometra picata, *Hüb. Ge.* t. 84, f. 435, 1809.
Phalæna biangulata, *Haw.* (*Pr.* 26, 1802). *Id. L. B.* 326, 1810.
Harpalyce biangulata, *Step. H.* iii. 225, 1831. *Wood, I. E.* t. 21, f. 570.

e. AMŒBE.

Amœbe, p., *Hüb. V.* 333, 1816.
Electra, p., *Cur. B. E.* xiii. *fo.* 603, 1836.

5. HARPALYCE CORYLATA. The Broken-barred Carpet. B. M.
Geometra Corylata, *Thunb. I. S.* 61, t. 4, fig. 1792.
Harpalyce Corylata, *Step. H.* iii. 227, 1831. *Wood, I. E.* t. 21, f. 572.
Var. *a.* Geometra ruptata, *Hüb. Ge.* t. 57, f. 295, 1799.
Phalæna interruptata, *Haw.* (*Pr.* 26, 1802).
Var. *b.* Electra albocrenata, *Cur. B. E.* xiii. t. 603, 1836.
Var. *c.* Harpalyce atrofasciata, *Step. MSS.*

f. EUSTROMA.

Eustroma, p., *Hüb. V.* 335, 1816.

6. HARPALYCE SILACEATA. The Small Phœnix Moth. B. M.
Geometra Silaceata, *Schiff.* (*W. V.* 113, 1776).
Harpalyce Silaceata, *Step. H.* iii. 226, 1831. *Wood, I. E.* t. 21, f. 571.
♂. Phalæna insulata, *Haw.* (*Pr.* 26, 1802). *Id. L. B.* 330, 1810.
♀. Phalæna cuneata, *Don. B. I.* xiv. 51, t. 487, f. 2, 1810.

266. STEGANOLOPHIA.

Steganolophia, *Step.* (*Cat.* ii. 135, 1829). *Id. H.* iii. 232, 1831.

a. EUSTROMA.

Eustroma, p., *Hüb. V.* 355, 1816.

1. STEGANOLOPHIA PRUNATA. The Phœnix. B. M.
Phalæna Prunata, *Linn. S. Nat.* i. 526, 1758.
Steganolophia Prunata, *Step. H.* iii. 232, 1831. *West. & H. M.* ii. 90, t. 64, f. 4—6, 1843.
Cidaria Ribesiaria, *Bois.* (*I. M.* 2 ed. 214, 1840).

267. LAMPROPTERYX.

Lampropteryx, *Step. H.* iii. 233, 1831.

a. EUSTROMA.

Eustroma, p., *Hüb. V.* 335, 1816.

1. LAMPROPTERYX SUFFUMATA. The Water Carpet. B. M.

Geometra suffumata, *Schiff.* (*W. V.* 316, 1776).
Lampropteryx suffumata, *Step. H.* iii. 124, 1831. *Wood, I. E.* t. 21, f. 582.
Phalænæ insititiata, *Haw.* (*Pr.* 25, 1802).
Var. *a.* Lampropteryx piceata, *Step. H.* iii. 234, 1831. *Wood, I. E.* t. 22, f. 583.

b. AMÆBE.

Amæbe, p., *Hüb. V.* 333, 1816.

2. LAMPROPTERYX BADIATA. The Shoulder Stripe. B. M.

Geometra badiata, *Schiff.* (*W. V.* 111, 1776).
Lampropteryx badiata, *Step. H.* iii. 235, 1831. *Wood, I. E.* t. 22, f. 584.
Phalæna berberata, *Don. B. I.* xiv. 65, t. 493, f. 1, 1810.

268. ANTICLEA.

Anticlea, *Step. H.* iii. 236, 1831.
Amæbe, p., *Hüb. V.* 333, 1816.
Cidaria, p., *Cur.* (*G.* 163, 1831).

1. ANTICLEA BERBERATA. The Barbary Carpet. B. M

Geometra Berberata, *Schiff.* (*W. V.* 113, 1776).
Anticlea Berberata, *Step. H.* iii. 235, 1831. *Wood, I. E.* t. 22, f. 585.

2. ANTICLEA RUBIDATA. The Flame. B. M.

Geometra rubidata, *Schiff.* (*W. V.* 113, 1776).
Anticlea rubidata, *Step. H.* iii. 236, 1831. *Wood, I. E.* t. 22, f. 586.

3. ANTICLEA DERIVATA. The Streamer. B. M.
Geometra derivata, *Schiff.* (*W. V.* 113, 1776).
Anticlea derivata, *Step. H.* iii. 237, 1831. *Wood, I. E.* t. 22, f, 587.
Phalæna nigrofasciaria, *Goetz. B.* iii. 438, 1780.
Phalæna-G. violacea-nigrostriata, *Vill. E.* ii. 613, 1789.
Phalæna fimbriata, *Fab.? E. S.* iii. 2, 187, 1794.

4. ANTICLEA SINUATA. The Royal Mantle. B. M.
Geometra sinuata, *Schiff.* (*W. V.* 114, 1776).
Anticlea sinuata, *Step. H.* iii. 237, 1831. *Wood, I. E.* t. 22, f. 587.
Phalæna regalata, *Haw.* (*Pr.* 25, 1802).

269. APLOCERA.

Aplocera, *Step.* (*Cat.* ii. 141, 1829). *Id. H.* iii. 295, 1831.

a. GLAUCOPTERYX.

Glaucopteryx, *Hüb. V.* 332, 1816.

1. APLOCERA CÆSIATA. The February Carpet. B. M.
Geometra cæsiata, *Schiff.* (*W. V.* 112, 1776).
Aplocera cæsiata, *Step. H.* iii. 295, 1831. *Wood, I. E.* t. 25, f. 690.
Var. *a.* Phalæna infrequentata, *Haw. L. B.* 330, 1810.

b. ENTEPHRIA.

Entephria, *Hüb. V.* 332, 1816.

2. APLOCERA FLAVICINCTATA. The Yellow-ringed Carpet.
Geometra flavicinctata, *Hüb. Ge.* t. 68, f. 354, 1802.
Aplocera flavicinctata, *Step. H.* iii. 296, t. 30, f. 3, 1832.

270. CHLOROCLYSTA.

Chloroclysta, *Hüb. V.* 332, 1816.
Euthalia, *Step. H.* iii. 252, 1831.
Ypsipetes, p., *Step.* (*Cat.* ii. 138, 1829).

1. CHLOROCLYSTA MIATA. The Autumn Green Carpet. B. M.

Phalæna-G. miata, *Linn. S. Nat.* i. 526, 1758.
Phalæna miata, *Don. B. I.* xiv. 33, t. 479, f. 3, 1810.
Euthalia miata, *Step. H.* iii. 253, 1831.
Phalæna luctuata, *Fab. M. I.* ii. 209, 1787.
Geometra coraciata, *Hüb. Ge.* t. 54, f. 278, 1799.

2. CHLOROCLYSTA PSITTACATA. The Red-green Carpet. B. M.

Geometra Psittacata, *Schiff.* (*W. V.* 112, 1776).
Euthalia Psittacata, *Step. H.* iii. 253, 1831. *Wood, I. E.* t. 22, f. 609.
Phalæna G. Siterata, *Hüfn.*—(*Berl. M.* iv. 522, 1770).
Phalæna rubroviridata, *Marsh. MSS. Don. B. I.* xiv. 47, t. 485, f. 3, 1810.

271. HYDRIOMENA.

Hydriomena, *Hüb. V.* 322, 1816.
Ypsipetes, *Step.* (*Cat.* ii. 138, 1829).

1. HYDRIOMENA IMPLUVIATA. The May Highflyer.

Geometra impluviata, *Schiff.* (*W. V.* 109, 1776).
Ypsipetes impluviata, *Step. H.* iii. 254, 1831. *Wood, I. E.* t. 22, f. 610.
Geometra trifasciata, *Thunb. I. S.* 13, 1784.
Phalæna literata, *Don. B. I.* xiv. 80, t. 499, f. 2, 1810.
Geometra ruberata, *Frey. N. B.* i. 67, t. 36, f. 2, 1834.

2. HYDRIOMENA ELUTATA. The July Highflyer. B. M.

Geometra elutata, *Schiff.* (*W. V.* 109, 1776). *Hüb. Ge.* t. 74, f. 381—385, 1806.
Ypsipetes elutata, *Step. H.* iii. 254, 1831. *Wood, I. E.* t. 22, f. 611.
Phalæna-G. virgata, *Vill. E.* ii. 379, 1789.
Var. *a.* Phalæna fusco-undata, *Don. B. I.* xii. 73, t. 386, f. 3, 1807.
Var. *b.* Phalæna horridaria, *Haw.* (*Pr.* 24, 1802).

272. POLYPHASIA.

Polyphasia, *Step. H.* iii. 227, 1831.
Dysstroma, t., *Hüb. V.* 333, 1816.

1. POLYPHASIA RUSSATA. The Marbled Carpet. B. M.
Geometra russata, *Schiff.* (*W. V.* 113, 1779).
Phalæna centumnotata, *Fab. M. I.* ii. 207, 1787.
Polyphasia centumnotata, *Step. H.* iii. 230, 1831. *Wood, I. E.* t. 21, f. 578.
Phalæna-G. truncata, *Hüfn.*—(*Berl. M.* iv. 602, 1770).
Var. *a.* Phalæna communotata, *Haw. L. B.* 325, 1810.
Polyphasia communotata, *Step. H.* iii. 230, 1831. *Wood, I. E.* t. 21, f. 577.
Var. *b.* Polyphasia saturata, *Step. H.* iii. 231, 1831. *Wood, I. E.* t. 21, f. 579.
Var. *c.* Phalæna perfuscata, *Haw. L. B.* 325, 1810. *Wood, I. E.* t. 21, f. 580.
Geometra russata, *Hüb. Ge.* t. 86, f. 445, 1807.
Var. *d.* Electra boreata, *Curt.* (*G.* 163, 1831).
Var. *e.* Polyphasia concinnata, *Step. H.* iii. 229, 1831. *Wood, I. E.* t. 21, f. 576.

2. POLYPHASIA IMMANATA. The Dark-marbled Carpet. B. M.
Phalæna immanata, *Marsh. MSS.*—*Haw. L. B.* 323, 1810.
Polyphasia immanata, *Step. H.* iii. 228, 1831. *Wood, I. E.* t. 21, f. 573.
Var. *a.* Polyphasia amœnata, *Step. H.* iii. 228, 1831. *Wood, I. E.* t. 21, f. 574.
Geometra Passeraria, *Frey. N. B.* vi. 10, t. 486, f. 3, 1846.
Var. *b.* Phalæna marmorata, *Haw. L. B.* 324, 1810. *Wood, I. E.* t. 21, f. 575.

273. THERA.

Thera, *Step. H.* iii. 271, 1831.
Dysstroma, p., *Hüb. V.* 333, 1816.

1. THERA JUNIPERATA. The Juniper Carpet. B. M.
Phalæna-G. Juniperata, *Linn. S. Nat.* i. 527, 1758.
Thera Juniperata, *Step. H.* iii. 272, t. 31, f. 2, 1831.

2. THERA VARIATA. The Gray Carpet.
Geometra variata, *Schiff.* (*W. V.* 110, 1776).
Thera coniferata, *Curt. B. E.* xi. t. 519, 1834. *Step. H.* iv. 392, 1835.
Var. *a.* Geometra variata, *Hüb. Ge.* t. 73, f. 380, 1805.

3. THERA SIMULATA. The Shaded Broad-bar. B. M.
Geometra simulata, *Hüb. Ge.* t. 66, f. 345, 1801.
Phalæna variata, *Hatchett.—Ent. Tr.* i. 245, t. 7, f. 1, 1812.
Thera variata, *Step. H.* iii. 272, 1831.
Phalæna Juniperata, *Haw.* (*Pr.* 26, 1802).
Var. *a.* Phalæna tristrigata, *Don. B. I.* xiii. 60, t. 461, f. 2, 1808.
Phalæna munitata, *Haw. L. B.* 328, 1810.
Var. *b.* Thera fulvata, *Step. H.* iii. 272, 1831. *Wood, I. E.* t. 23, f. 636.

4. THERA? FIRMARIA. The Pine Carpet. B. M.
Geometra firmaria, *Hüb. Ge.* t. 100, f. 415, 1816.
Thera simulata, *Step. H.* iii. 271, 1831. *Wood, I. E.* t. 23, f. 634.

274. CHEIMATOBIA.

Cheimatobia, *Step.* (*Cat.* ii. 142, 1829). *Id. H.* iii. 274, 1831.

a. THERIA.

Theria, *Hüb. V.* 321, 1816.

1. CHEIMATOBIA RUPICAPRARIA. The Early Moth. B. M.
Geometra rupicapraria, *Schiff.* (*W. V.* 105, 1776).
Cheimatobia rupicapraria, *Step. H.* iii. 275, 1831. *Wood, I. E.* t. 23, f. 641 *a*, ♂, f. 641 *n*, ♀.
Geometra primaria, *Marsh. MSS.—Haw. L. B.* 305, 1810.

b. OPEROPHTERA.

Operophtera, *Hüb. V.* 321, 1816.

2. CHEIMATOBIA BRUMATA. The Winter Moth. B. M.
Phalæna-G. brumata, *Linn. S. Nat.* i. 529, 1758.
Cheimatobia brumata, *Step. H.* iii. 274, 1831. *Wood, I. E.* t. 23, f. 640 *a*, ♂, f. 640 *n*, ♀.
Phalæna-G. hyemata, *Hüfn.*—(*Berl. M.* iv. 612, 1770).
Cheimatobia vulgaris, *Step.* (*Cat.* ii. 142, 1829).

3. CHEIMATOBIA BOREATA.* The Northern Winter Moth.
Geometra boreata, *Hüb. Ge.* t. 80, f. 413, ♂ ; f. 414, ♀, 1806.

275. OPORABIA.

Oporabia, *Step. H.* iii. 273, 1831.
Oporinia, p., *Hüb. V.* 322, 1816.

1. OPORABIA DILUTATA. The November Moth. B. M.
Geometra dilutata, *Schiff.* (*W. V.* 109, 1776).
Oporabia dilutata, *Step. H.* iii. 273, 1831. *West. & H. M.* ii. 56, t. 68, f. 7, 8, 1843.
Var. *a.* Phalæna-G. 4-fasciata, *Bork. E. S.* v. 294, 1794.
Var. *b.* Phalæna-G. affinitata, *Bork. E. S.* v. 294, 1794.
Var. *c.* Phalæna omicrata, *Haw.* (*Pr.* 25, 1802).
Phalæna inscriptata, *Don. B. I.* xv. 25, t. 517, 1811.
Var. *d.* Phalæna fimbriata, *Haw. L. B.* 320, 1810.

2. OPORABIA NEGLECTATA. The Neglected November Moth.
Oporabia neglectata, *Step. MSS.* (Var. præc.?).

3. OPORABIA AUTUMNARIA. The Autumnal Moth. B. M.
Larentia autumnaria, *Bois. MSS.?—Doub.* (*List*, 18, 1850).
Oporabia polata, *West. & H. M.* ii. 56, t. 68, f. 9, 1843.

4. OPORABIA FILIGRAMMARIA. The Small Autumnal Moth.
Larentia filigrammaria, *Bois. MSS.?—H.-Schæff. S.* iv. 160, t. 32, f. 194—5, 1846. *Doub.* (*List*, 18, 1850).

276. ACASIS.

Acasis, *Dup. C.* 256, 1846.
Trichopteryx, p., *Hüb. V.* 323, 1816.

1. ACASIS VIRETATA. The Brindle-barred Yellow. B. M.
Geometra viretata, *Hüb. Ge.* t. 44. f. 230, 1799.
Lobophora viretata, *Step. H.* iii. 278, 1831. *Wood, I. E.* t. 23, f. 646.
Phalæna trinotata, *Don. B. I.* xiv. 79, t. 499, f. 1, 1810.

277. LOBOPHORA.

Lobophora, *Step. MSS.—Cur. B. E.* ii. *fo.* 81, 1825.
Amathia, *Dup. L. F.* viii. 112, 1829.

a. LOBOPHORA.

Oporinia, p., *Hüb. V.* 322, 1816.

1. LOBOPHORA POLYCOMMATA. The Barred Tooth-striped.

Geometra polycommata, *Schiff.* (*W. V.* 109, 1776).
Lobophora polycommata, *Cur. B. E.* ii. t. 81, 1825. *Step. H.* iii. 276, 1831.

b. TRICHOPTERYX.

Trichopteryx, p., *Hüb. V.* 323, 1816.

2. LOBOPHORA LOBULATA. The Early Tooth-striped. B. M.

Geometra lobulata, *Hüb. Ge.* t. 70, f. 362, 1804?
Lobophora lobulata, *Wood, I. E.* t. 23, f. 644—6.
♂. Phalæna dentistrigata, *Haw. L. B.* 320, 1810.
Lobophora lobulata, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 643.
♀. Phalæna costæstrigata, *Haw. L. B.* 319, 1810.
Lobophora costæstrigata, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 644.
Var. *a.* Lobophora rupestrata, *Step. H.* iii. 277, 1831. *Wood, I. E.* t. 23, f. 645.

c. PTERAPHERAPTERYX.

Pterapherapteryx, *Leach, MSS.*

3. LOBOPHORA HEXAPTERATA. The Seraphim. B. M.

Geometra hexapterata, *Schiff.* (*W. V.* 109, 1776).
Lobophora hexapterata, *Step. H.* iii. 278, 1831. *Wood, I. E.* t. 23, f. 647, ♂.
Phalæna-G. halterata, *Hüfn.*—(*Berl. M.* iv. 608, 1770).
♀. Geometra zonata, *Thunb.? I. S.* 60, t. 4, f. 7, 1792.

4. LOBOPHORA SEXALISATA. The Small Seraphim. B. M.
Geometra sexalisata, *Hüb. Beit.* i. 17, t. 2, f. L, 1789.
Lobophora sexalisata, *Step. H* iii. 278, 1831. *Wood, I. E.* t. 23, f. 648, ♂.
Phalæna-G. sexalata, *Bork. E. S.* v. 304, 1794.
Geometra sezalata, *Hüb. Ge.* t. 44, f. 222, ♂, 1798.

278. EUPITHECIA.

Eupithecia, *Cur. B. E.* ii. *fo.* 64, 1825.

a. EUCYMATOGE.

Eucymatoge, *Hüb. V.* 325, 1816.

1. EUPITHECIA TOGATA. The Cloaked Pug. B. M.
Geometra togata, *Hüb. Ge.* t. 90, f. 464, 1810?
Eupithecia togata, *Newm.—Zool.* iii. 1086, t. adj. 1845.

2. EUPITHECIA LINARIATA. The Beautiful Pug.
Geometra Linariata, *Schiff.* (*W. V.* 113, 1776).
Eupithecia Linariata, *Cur. B. E.* ii. t. 64, 1825. *Step. H.* iii. 279, 1831.

3. EUPITHECIA PULCHELLATA. The Red Pug. B. M.
Eupithecia pulchellata, *Step.* (*Cat.* ii. No. 6643, 1829). *Id. H.* iii. 279, 1831. *Wood, I. E.* t. 23, f. 650.
Eupithecia Antirrhinaria, *Bois. MSS.*

b. CHLOROCLYSTIS.

Chloroclystis, *Hüb. V.* 323, 1816.

4. EUPITHECIA RECTANGULATA. The Green Pug. B. M.
Phalæna-G. rectangulata, *Linn. S. Nat.* i. 528, 1758.
Eupithecia rectangulata, *Step. H.* iii. 280, 1831. *Wood, I. E.* t. 23, f. 651.
Phalæna-G. viridulata, *Hüfn.*—(*Berl. M.* iv. 524, 1770).

Var. *a*. Phalæna sericeata, *Haw. L. B.* 363, 1810.
Var. *b*. Phalæna nigrosericeata, *Haw. L. B.* 363, 1810.
Eupithecia nigrosericeata, *Step. H.* iii. 281, 1831. *Wood, I. E.* t. 24, f. 654.
Var. *c*. Eupithecia subærata, *Step. H.* iii. 280, 1831. *Wood, I. E.* t. 23, f. 652.

5. EUPITHECIA CORONATA. The V Pug. B. M.

Geometra coronata, *Hüb. Ge.* t. 72, f. 372—73, 1804.
Phalæna V-ata, *Haw. L. B.* 364, 1810.
Eupithecia V-ata, *Step. H.* iii. 281, 1831. *Wood, I. E.* t. 24, f. 655.

6. EUPITHECIA DEBILIATA. The Devon Pug.

Geometra debiliata, *Hüb. Ge.* t. 91, f. 466, 1810?
Eupithecia nigropunctata, *Chant.*—*Ent. M.* i. 184, 1833. *Wood, I. E.* t. 24, f. 653.

c. TEPHROCLYSTIA.

Tephroclystia, *Hüb. V.* 323, 1816.

7. EUPITHECIA PUMILATA. The Double-striped Pug. B. M.

Geometra pumilata, *Hüb. Ge.* t. 75, f. 388, 1804.
Phalæna bistrigata, *Haw. L. B.* 361, 1810.
Eupithecia Strobilata, *Step. H.* iii. 282, 1831. *Wood, I. E.* t. 24, f. 656.

8. EUPITHECIA RUFIFASCIATA. The Red-barred Pug.

Phalæna rufifasciata, *Haw. L. B.* 361, 1810.
Eupithecia rufifasciata, *Step. H.* iii. 282, 1831. *Wood, I. E.* t. 24, f. 657.
Larentia recictaria, *Bois. I. M.* 2 ed. 209, 1840.

9. EUPITHECIA PUSILLATA. The Dwarf Pug. B. M.

Geometra pusillata, *Hüb. Ge.* t. 73, f. 378, 1806.

10. EUPITHECIA BEGRANDARIA. The Small Gray Pug.

Eupithecia Begrandaria, *Bois. I. M.* 2 ed. 211, 1840.
Phalæna pusillata, *Haw. L. B.* 359, 1810.

Eupithecia pusillata, *Step. H.* iii. 287, 1831. *Wood, I. E.* t. 24, f. 673.
Eupithecia? Valerianata, *Zell.—Isis*, 193, 1846.

11. EUPITHECIA PLUMBEOLATA. The Lead-coloured Pug.

Phalæna plumbeolata, *Haw. L. B.* 360, 1810.
Eupithecia plumbeolata, *Step. H.* iii. 287, 1831. *Wood, I. E.* t. 24, f. 674.

12. EUPITHECIA PALUSTRARIA. The Marsh Pug.

Eupithecia palustraria, *Doub.* (*List*, 19, 1850). *Id. Zool. App.* cv. 1850.

13. EUPITHECIA CALLUNARIA. The Heath Pug.

Eupithecia Callunaria, *Stainton, MSS. Doub.—Zool. App.* cv. 1850.
Eupithecia cinereata, (*Cur. G.* 162, 1831).

14. EUPITHECIA SUBUMBRATA. The Small-brindled Pug.

Geometra subumbrata, *Hüb. Ge.* t. 45, f. 233, 1798.
Eupithecia subumbrata, *Step. H.* iii. 284, 1831. *Wood, I. E.* t. 24, f. 664.

15. EUPITHECIA SUBNOTATA. The Plain Pug. B. M.

Geometra subnotata, *Hüb. Ge.* t. 89, f. 458, 1809.
Phalæna simpliciata, *Haw. L. B.* 359, 1810.
Eupithecia simpliciata, *Step. H.* iii. 287, 1831. *Wood, I. E.* t. 24, f. 672.
Eupithecia denotaria, *Bois. Mus.* (*teste Doub.*).

d. TARACHIA.

Tarachia, *Hüb. V.* 324, 1816.

16. EUPITHECIA CASTIGATA. The Gray Pug.

Geometra castigata, *Hüb. Ge.* t. 89, f. 456, 1809.
Phalæna singulariata, *Haw. L. B.* 360, 1810.
Eupithecia singulariata, *Step. H.* iii. 283, 1831. *Wood, I. E.* t. 24, f. 661.
Eupithecia Valerianaria, *Bois. Mus.* (*teste Doub.*).

Var. *a*. Phalæna nebulata, *Haw.*? *L. B.* 360, 1810.
Eupithecia nebulata, *Step. H.* iii. 284, 1831. *Wood, I. E.* 24, f. 662.

17. EUPITHECIA SUBFASCIATA. The Barred Pug.
Eupithecia subfasciata, *Step. H.* iii. 284, 1831. *Wood, I. E.* t. 24, f. 665.

18. EUPITHECIA AUSTERATA. The Common Pug. B. M.
Geometra austerata, *Hüb. Ge.* t. 89, f. 457, 1809.
Phalæna vulgata, *Haw. L. B.* 359, 1810.
Eupithecia vulgata, *Step. H.* iii. 285, 1831. *Wood, I. E.* t. 24, f. 666.
Eupithecia Pimpinellaria, *Bois. Mus.* (*teste Doub.*).
Var. *a*. Phalæna subfuscata, *Haw. L. B.* 360, 1810.
Eupithecia subfuscata, *Step. H.* iii. 285, 1831. *Wood, I. E.* t. 24, f. 667.

19. EUPITHECIA SOBRINATA. The Juniper Pug.
Geometra Sobrinata, *Hüb. Ge.* t. 90, f. 465, 1810.
Var.? *a*. Phalæna lævigata, *Haw. L. B.* 362, 1810.
Eupithecia lævigata, *Step. H.* iii. 282, 1831. *Wood, I. E.* t. 24, f. 658.

e. DYSCYMATOGE.

Dyscymatoge, *Hüb. V.* 324, 1816.

20. EUPITHECIA EXIGUATA. The Mottled Pug. B. M.
Geometra exiguata, *Hüb. Ge.* t. 73, f. 379, 1804.
Eupithecia exiguata, *Step. H.* iii. 283, 1831. *Wood, I. E.* t. 24, f. 659.
Phalæna trimaculata, *Haw. L. B.* 362, 1810.
Var. *a*. Eupithecia ochreata, *Step.* (*Cat.* ii. No. 6654, 1829).

21. EUPITHECIA ABBREVIATA. The Short-winged Pug.
Eupithecia abbreviata, *Step.* (*Cat.* ii. No. 6665, 1829). *Id. H.* iii. 283, 1831. *Wood, I. E.* t. 24, f. 660.
Eupithecia reductaria, *Bois. I. M.* 2 ed. 209, 1840.

22. EUPITHECIA INNOTATA*. The Angle-barred Pug. B. M.
Phalæna-G. innotata, *Hüfn.*—(*Berl. M.* iv. 616, 1770).
Geometra innotata, *Hüb. Ge.* t. 86, f. 441, 442, 1809.

23. EUPITHECIA LANCEOLARIA*. The Southern Pug.
Larentia? lanceolaria, *Ramb. F. And.* (*teste Bois. C.* 209, 1840).

24. EUPITHECIA TENUIATA*. The Slender Pug.
Geometra tenuiata, *Hüb. Ge.* t. 76, f. 394, 1805.

25. EUPITHECIA MINUTATA. The Wormwood Pug.
Geometra minutata, *Schiff.?* (*W. V.* 110, 1776).
Phalæna-G. Absinthiata, *Linn.? F.* ii. No. 1296, 1761.
Eupithecia Absinthiata, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 669.
Var. *a.* Eupithecia innotata, *Step. H.* iii. 285, 1831. *Wood, I. E.* t. 24, f. 668.

26. EUPITHECIA ELONGATA. The Long-winged Pug. B. M.
Phalæna elongata, *Haw. L. B.* 358, 1810.
Eupithecia elongata, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 671.
Var. *a.* Eupithecia notata, *Step. H.* iii. 286, 1831. *Wood, I. E.* t. 24, f. 670.

27. EUPITHECIA INDIGATA. The Ochreous Pug. B. M.
Geometra indigata, *Hüb. Ge.* t. 77, f. 399, 1805.

28. EUPITHECIA NANATA. The Narrow-winged Pug. B. M.
Geometra nanata, *Hüb. Ge.* t. 75, f. 387, 1804.
Phalæna angustata, *Haw. L. B.* 362, 1810.
Eupithecia angustata, *Step. H.* iii. 289, 1831. *Wood, I. E.* t. 24, f. 680.

f. LEUCOCORA.

Leucocora, *Hüb. V.* 325, 1816.

29. EUPITHECIA PIPERATA. The Speckled Pug.

Eupithecia piperata, *Step. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 678.
Eupithecia obrutaria, *H.-Schæff.? S.* iv. 119, t. 24, f. 145, 146, 1848.

30. EUPITHECIA CENTAUREATA. The Lime Speck. B. M.

Geometra centaureata, *Schiff.* (*W. V.* 114, 1776).
Eupithecia centaureata, *Step. H.* iii. 289, 1831. *Wood, I. E.* t. 24, f. 679.
Phalæna signata, *Scop. C.* No. 578, 1763.
Phalæna-G. succenturiata, *Hüfn.*—(*Berl. M.* iv. 606, 1770).
Geometra oblongata, *Thunb. I. S.* iv. 14, t. *adj.* 1784.

[B. M.

31. EUPITHECIA SUCCENTURIATA. The Bordered Lime Speck.

Phalæna-G. succenturiata, *Linn. S. Nat.* i. 528, 1758.
Eupithecia succenturiata, *Step. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 679.
Geometra disparata, *Hüb. Ge.* t. 47, f. 246, 1798.

32. EUPITHECIA COGNATA. The Red Lime Speck.

Eupithecia cognata, *Step.* (*Cat.* ii. No. 6671). *Id. H.* iii. 288, 1831. *Wood, I. E.* t. 24, f. 676.
Eupithecia succenturiata, var., *H.-Schæff. S.* iv. 119, 1848.

33. EUPITHECIA SUBFULVATA. The Tawny Speck. B. M.

Phalæna subfulvata, *Haw. L. B.* 357, 1810.
Eupithecia subfulvata, *Step. H.* iii. 287, 1831. *Wood, I. E.* t. 25, f. 675.
Phalæna fulvata, *Haw.* (*Pr.* 27, 1802).
Geometra disparata, *Hüb. Ge.* t. 47, f. 247, 1798.
Larentia oxydata, *Treit. S.* vi. 2, 114, 1828.

34. EUPITHECIA IRRIGUATA. The Marbled Pug.

Geometra irriguata, *Hub. Ge.* t. 77, f. 397, 1807.
Phalæna variegata, *Haw. L. B.* 362, 1810.
Eupithecia variegata, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, f. 681.

g. ARAGONIA.

Aragonia, *Hüb. V.* 325, 1816.

35. EUPITHECIA CONSIGNATA. The Pinion Spotted Pug.

Phalæna-G. consignata, *Bork. E. S.* iv. 315, 1794.
Eupithecia consignata, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, 682.
Geometra insigniata, *Hüb.? Beit.* ii. 97, t. 3, f. U., 1789.

36. EUPITHECIA VENOSATA. The Pretty Widow. B. M.

Geometra venosata, *Fab. M. I.* ii. 209, 1787.
Eupithecia venosata, *Step. H.* iii. 290, 1831. *Wood, I. E.* t. 24, f. 683.
Phalæna decussata, *Don. B. I.* viii. 38, t. 266, f. 3, 1799.

Sub-F. XV. CHESIADI.

Chesiadi, *Step. MSS.*

279. PACHYCNEMIA.

Pachycnemia, *Step.* (*Cat.* ii. 141, 1829). *Id. H.* iii. 268, 1831.
Alsophila, p., *Hüb. V.* 320, 1816.
Sthanella, *Bois. I. M.* 2 ed. 229, 1840.

1. PACHYCNEMIA HIPPOCASTANARIA. The Horse Chestnut. B. M.

Geometra Hippocastanaria, *Hüb. Ge.* t. 36, f. 186, 1798.
Pachycnemia Hippocastanaria, *Step. H.* iii. 269, 1831. *Cur. B. E.* xiii. t. 611, 1836.
Phalæna? anomalata, *Haw.—Ent. Tr.* i. 337, 1812.
Var. *a.* Geometra degenerata, *Hüb. Ge.* t. 78, f. 405, ♀ ? 1836.

280. EUCESTIA.

Eucestia, *Hüb. V.* 322, 1816.
Chesias, p., *Treit.* (*S.* v. 2, 437, 1825). *Id.* vi. 1, 330, 1827.

1. EUCESTIA OBLIQUATA. The Chevron. B. M.

Geometra obliquata, *Schiff.* (*W. V.* 102, 1776).
Chesias obliquata, *Step. H.* iii. 270, 1831. *Wood, I. E.* t. 23, f. 633.
Phalæna rufata, *Fab. M. I.* ii. 202, 1787.
Phalæna Bombycata, *Don. B. I.* xi. 74, t. 386, f. 4, 1806.

2. EUCESTIA SPARTIATA. The Streak. B. M.

Phalæna Spartiata, *Herbst.—Fues. A.* 33, t. 11, 1781. *Don. B. I.* x. 42, t. 342, f. 2, 1801.
Chesias Spartiata, *Step. H.* iii. 270, 1831.

281. PHIBALAPTERYX.

Phibalapteryx, *Step.* (*Cat.* ii. 138, 1829). *Id. H.* iii. 255, 1831.

a. HORISME.

Horisme, *Hüb. V.* 331, 1816.

1. PHIBALAPTERYX TERSATA. The Fern. B. M.

Geometra tersata, *Schiff.* (*W. V.* 109, 1776).
Phibalapteryx tersata, *Step. H.* iii. 256, 1831. *Wood, I. E.* t. 22, f. 612.

b. ORTHONAMA.

Orthonama, *Hüb. V.* 331, 1816.

2. PHIBALAPTERYX VITALBATA. The Small Waved Umber. B. M.

Geometra Vitalbata, *Schiff.* (*W. V.* 109, 1776).
Phibalapteryx Vitalbata, *Step. H.* iii. 257, 1831. *Wood, I. E.* t. 22, f. 613.

3. PHIBALAPTERYX LIGNATA. The Oblique Carpet. B. M.

Geometra lignata, *Hüb. Ge.* t. 52, f. 270, 1799.
Phibalapteryx lignata, *Step. H.* iii. 257, 1831. *Wood, I. E.* t. 22, f. 614.
Geometra areolaria, *Haw.* (*Pr.* 23, 1802).
Phalæna lineataria, *Don. B. I.* xiv. 47, t. 485, f. 1, 2, 1810.

c. MESOTYPE.

Mesotype, p., *Hüb. V.* 331, 1816.

1. PHIBALAPTERYX POLYGRAMMATA. The Many Lined. B. M.
Phalæna-G. polygrammata, *Bork. E. S.* v. 560, 1794.
Phibalapteryx polygrammata, *Step. H.* iii. 256, 1831. *Wood, I. E.* t. 56, f. 1676.

282. PLEMYRIA.

Plemyria, *Hüb. V.* 334, 1816.

1. PLEMYRIA GEMMATA. The Narrow-barred Carpet.
Geometra gemmata, *Hüb.? Ge.* t. 55, f. 283, 1799.
♂ ? Phalæna albicinctata, *Haw.? L. B.* 344, 1810.
Cidaria albicinctata, *Step. H.* iii. 200, 1831.
♀. Phalæna angustata, *Haw. L. B.* 340, 1810.
Phibalapteryx angustata, *Step. H.* iii. 258, 1831. *Wood, I. E.* t. 22, f. 616.

a. CŒNOCALPE.

Cœnocalpe, *Hüb. V.* 330, 1816.

2. PLEMYRIA LAPIDATA.* The Slender-striped Rufous.
Geometra lapidata, *Hüb. Ge.* t. 63, f. 324, 1802.
Phalæna subrufata, *Haw. L. B.* 347, 1810.
Macaria subrufata, *Step. H.* iii. 320, 1831. *Wood, I. E.* t. 26, f. 744.

283. PHILEREME.

Philereme, *Hüb. V.* 330, 1816.
Scotosia, *Step.* (*Cat.* ii. 139, 1829). *Id. H.* iii. 259, 1831.
Larentia, *Cur.* (*G.* 164, 1831).

1. PHILEREME RHAMNATA. The Dark Umber. B. M.
Geometra Rhamnata, *Schiff.* (*W. V.* 109, 1776).
Scotosia Rhamnata, *Step. H.* iii. 260, 1831. *West. & H. M.* ii. 50, t. 66, f. 18, 1843.
Phalæna-G. transversata, *Hüfn.*—(*Berl. M.* iv. 600, 1770).
Phalæna clypeata, *Schwar. R. K.* 140, 1791.

2. PHILEREME VETULATA. The Brown Scallop. B. M.

Geometra vetulata, *Schiff.* (*W. V.* 109, 1776).
Scotosia vetulata, *Step. H.* iii. 260, 1831. *Wood, I. E.* t. 23, f. 619.
Phalæna fuscata, *Haw.* (*Pr.* 27, 1802).

284. SCHIDAX.

Schidax, *Hüb. V.* 315, 1816.

1. SCHIDAX SPARSARIA. The Broom Scallop.

Geometra Sparsaria, *Hüb. Ge.* t. 77, f. 398, 1807.
Scotosia Sparsaria, *Step. H.* iii. 261, 1831. *Wood, I. E.* t. 23, f. 620.

285. TRIPHOSA.

Triphosa, *Step.* (*Cat.* ii. 139, 1829). *Id. H.* iii. 261, 1831.
Plerocymia, p., *Hüb. V.* 330, 1816.

1. TRIPHOSA CERTATA. The Scarce Tissue. B. M.

Geometra certata, *Hüb.* (*V.* 330, 1816).
Acidalia certata, *Treit. S.* vi. 2, 72, 1828.
Geometra cervinata, *Hüb. Ge.* t. 51, f. 266, 1799.
Triphosa cervinata, *Step. H.* iii. 262, 1831. *Wood, I. E.* t. 23, f. 621.
Acidalia ancipitata, *Treit.* (*S.* v. 2, 440, 1825).

2. TRIPHOSA DUBITATA. The Tissue. B. M.

Phalæna-G. dubitata, *Linn. F.* ii. No. 1259, 1761.
Triphosa dubitata, *Step. H.* iii. 262, 1831. *Wood, I. E.* t. 23, f. 622.
Phalæna-G. fuliginata, *Hüfn.*—(*Berl. M.* iv. 610, 1770).
Var. *a.* Scotosia cinereata, *Step. H.* iii. 263, 1831. *Wood, I. E.* t. 23, f. 623.

286. CAMPTOGRAMMA.

Camptogramma, *Step. H.* iii. 264, 1831.
Plerocymia, p., *Hüb. V.* 330, 1816.

1. CAMPTOGRAMMA BILINEATA. The Yellow Shell. B. M.
Phalæna-G. bilineata, *Linn. S. Nat.* i. 525, 1758. *Wood, I. E.* t. 23, f. 624.
Camptogramma bilineata, *Step. H.* iii. 264, 1831.

287. CALOCALPE.

Calocalpe, *Hüb. V.* 330, 1816.
Eucosmia, *Step. H.* iii. 265, 1831.

1. CALOCALPE UNDULATA. The Scollop Shell. B. M.
Phalæna-G. undulata, *Linn. S. Nat.* i. 524, 1758.
Eucosmia undulata, *Step. H.* iii. 265, 1831. *Wood, I. E.* t. 23, f. 625.
Phalæna-G. serrata, *Hüfn.*—(*Berl. M.* iv. 522, 1770).

Sub.-F. XVI. SIONIDI.

Sionidi, *Guén.? MSS.?*
Sionites, *Dup. C.* 277, 1846.

288. SIONA.

Siona, *Dup. L. F.* viii. 112, 1829.
Schistotege, p., *Hüb. V.* 336, 1816.
Idæa, *Step.* (*Cat.* ii. 136, 1829).
Scoria (*pro Siona*), *Step. H.* iii. 344, 1831.

1. SIONA DEALBATA. The Black-veined. B. M.
Phalæna-G. dealbata, *Linn. S. Nat.* ii. 870, 1767.
Siona dealbata, *Step. H.* iii. 245, 1831. *Cur. B. E.* xv. t. 691, 1838.

289. GYPSOCHROA.

Gypsochroa, *Hüb. V.* 336, 1816.

1. GYPSOCHROA NIVEATA. The Snowy.
Geometra niveata, *Schiff.?* (*W. V.* 116, 1776). *Hüb. Ge.* t. 41, f. 217, 1799.
Phalæna-G. farinata, *Hüfn.*—(*Berl. M.* iv. 610, 1770).
Larissa Clarkiata, *Cur.?* (*G.* ii. 193, 1837).

Sub.-F. XVII. ZERENIDI.

Zereuidi, *Guén. MSS.*
Zerenites, *Dup. C.* 266, 1846.

290. ABRAXAS.

Abraxas, *Leach, E. E.* ix. 134, 1815.
Zerene, *Bois. I. M.* 2 ed. 218, 1840.

a. RHYSSARIA.

Rhyssaria, *Hüb. V.* 305, 1816.

1. ABRAXAS GROSSULARIATA. The Large Magpie. B. M.

Phalæna-G. Grossulariata, *Linn. S. Nat.* i. 525, 1758.
Abraxas Grossulariata, *Step. H.* iii. 247, 1831. *West. & H. M.* ii. 45, t. 65, f. 4, 1843.
Var. *a.* Abraxas Grossulariata, var., *West. l. c.* t. 65, f. 5.
Var. *b.* Abraxas Grossulariata, var., *West. l. c.* t. 65, f. 6.
Var. *c.* Abraxas Grossulariata, var., *West. Ent. Text-Book*, f. 5, 1838.
Var. *d.* Abraxas nigrata,* *Step. MSS.*

b. CALOSPILOS.

Calospilos, *Hüb. V.* 305, 1816.

2. ABRAXAS PANTARIA. The Panther. B. M.

Phalæna-G. pantaria, *Linn. S. Nat.* ii. 863, 1767.
Abraxas pantaria, *Step. H.* iii. 246, t. 32, f. 1, 1831.

3. ABRAXAS ULMATA. The Clouded Magpie. B. M.

Phalæna Ulmata, *Fab. S. E.* 632, 1775.
Abraxas Ulmata, *Step. H.* iii. 246, 1831. *West. & H. M.* ii. 44, t. 65, f. 1, 2, 1843.
Phalæna sylvata, *Scop.? C.* No. 546, 1763.
Geometra pantherata, *Hüb. Beit.* ii. 47, t. 2, f. N., 1787.
Phalæna-G. pantherata, *Bork. E. S.* v. 470, 1796.

291. VENILIA.

Venilia, *Dup. L. F.* viii. 110, 1829.
Pseudopanthera, p., *Hüb. V.* 295, 1816.

1. VENILIA MACULATA. The Speckled Yellow. B. M.

Phalæna-G. maculata, *Linn. S. Nat.* i. 521, 1758.
Venilia maculata, *Step. H.* iii. 304, 1831. *Wood, I. E.* t. 25, f. 710.
Var. *a.* Phalæna quadrimaculata, *Hatchett.—Ent. Tr.* i. 245, t. 7, f. 3, 1812.
Venilia 4-maculata, *Step. H.* iii. 304, 1831. *Wood, l. c.* f. 711.

292. CORYCIA.

Corycia, *Dup. L. F.* viii. 110, 1829.
Lomographa, p., *Hüb. V.* 311, 1816.
Bapta, *Step.* (*Cat.* ii. 147, 1829). *Id. H.* iii. 294, 1831.

a. ACIDALIA.

Acidalia,†* *Bois. I. E.* 2 ed. 221, 1840.

1. CORYCIA PUNCTATA. The Clouded Silver. B. M.

Phalæna punctata, *Fab. S. E.* 637, 1775.
Bapta punctata, *Step. H.* iii. 295, 1831. *Wood, I. E.* t. 25, f. 689.
Geometra temerata, *Schiff.* (*W. V.* 116, 1776).
Phalæna nubeculata, *Haw. L. B.* 355, 1810.

b. CABERA.

Cabera,† *Bois. I. E.* 2 ed. 218, 1840.

2. CORYCIA TAMINATA. The White-pinion Spotted. B. M.

Geometra taminata, *Schiff.* (*W. V.* 116, 1776).
Phalæna bimaculata, *Fab. M. I.* 205, 1787.
Bapta bimaculata, *Step. H.* iii. 294, 1831. *Wood, I. E.* t. 24, f. 688.

Sub-F. XVIII. MELANTHIDI.

Melanthidi, *Step. MSS.*
Melanthites, *Dup. C.* 263, 1846.

293. MELANIPPE.

Melanippe, *Dup. L. F.* viii. 111, 1829.
Eulype, p., *Hüb. V.* 328, 1816.

1. MELANIPPE HASTATA. The Argent and Sable. B. M.

Phalæna-G. hastata, *Linn. S. Nat.* i. 527, 1758.
Melanippe hastata, *Step. H.* iii. 248, 1831. *West. & H. M.* ii. 45, t. 65, f. 10—12, 1843.

Var. *a.* Geometra hastulata, *Hüb. Ge.* t. 69, f. 356, 1805 ?
Melanippe hastulata, *West. & H. l. c.* f. 12.

294. MELANTHIA.

Melanthia, *Dup. L. F.* viii. 111, 1829.
Xerene, *Step.* (*Cat.* ii. 137, 1829).
Harpalyce, p., *Step.* (*Cat.* ii. 133, 1829).

a. EULYPE.

Eulype, p., *Hüb. V.* 299, 1816.

1. MELANTHIA TRISTATA. The Small Argent and Sable. B. M.

Phalæna-G. tristata, *Linn. S. Nat.* i. 526, 1758.
Harpalyce tristata, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 566.
Phalæna contristata, *Haw.* (*Pr.* 25, 1802).

Var. *a.* Geometra funerata, *Hüb. Ge.* t. 50, f. , 1799.

b. EPIRRHOE.

Epirrhoe, *Hüb. V.* 328, 1816.
Melanippe, p., *Dup. C.* 265, 1846.

2. MELANTHIA ALCHEMILLATA. The Common Carpet. B. M.

Phalæna-G. Alchemillata, *Linn. S. Nat.* i. 526, 1758.
Geometra Alchemillata, *Hüb. Ge.* t. 71, f. 370, 1805.
Phalæna subtristata, *Haw.* (*Pr.* 25, 1802). *Id. L. B.* 332, 1810.
Harpalyce subtristata, *Step. H.* iii. 223, 1831. *Wood, I. E.* t. 21, f. 567.
Phalæna contristata, *Don. B. I.* xv. 12, t. 510, f. 2, 1811.
Geometra aparinata, *Hüb.* (*V.* 328, 1816).
Var. *a.* Phalæna degenerata, *Haw. L. B.* 333, 1810.

3. MELANTHIA RIVATA. The Wood Carpet. B. M.

Geometra rivata, *Hüb. Ge.* t. 79, f. 409, 1807.
Phalæna sylvaticata, *Haw. L. B.* 332, 1810.
Harpalyce sylvaticata, *Step. H.* iii. 225, 1831. *Wood, I. E.* t. 21, f. 568.

4. MELANTHIA AMNICULATA. The Sharp-angled Carpet. B. M.

Geometra amniculata, *Hüb. Ge.* t. 75, f. 386, 1807.
Phalæna unangulata, *Haw.* (*Pr.* 25, 1802). *Id. L. B.* 332, 1810.
Harpalyce unangulata, *Step. H.* iii. 225, 1831. *Wood, L. B.* t. 21, f. 569.

295. MESOLEUCA.

Mesoleuca, *Hüb. V.* 326, 1816.
Zerene, *Treit.* (*S. v.* 2, 444, 1825).

a. MESOLEUCA.

Mesoleuca, *Hüb. V.* 326, 1816.
Xerene, *Step.* (*Cat.* ii. 137, 1829).

1. MESOLEUCA ADUSTATA. The Scorched Carpet. B. M.

Geometra adustata, *Schiff.* (*W. V.* 114, 1776).
Xerena adustata, *Step. H.* iii. 250, 1831. *Wood, L. B.* t. 22, f. 605.

2. MESOLEUCA ALBICILLATA. The Beautiful Carpet. B. M.
Phalæna-G. albicillata, *Linn. S. Nat.* i. 527, 1758.
Xerene albicillata, *Step. H.* iii. 250, 1831. *Wood, L. B.* t. 22, f. 603.
Phalæna vestalis, *Walsh.—Naturf.* xiii. 30, t. 3, f. 7, 1786.

3. MESOLEUCA PROCELLATA. The Chalk Carpet. B. M.
Geometra procellata, *Schiff.* (*W. V.* 114, 1776).
Xerene procellata, *Step. H.* iii. 250, 1831.
Phalæna porcellata, *Don. B. I.* vi. 53, t 502, f. 3, 1797.

b. PLEMYRIA.

Plemyria, p., *Hüb. V.* 327, 1816.

4. MESOLEUCA RUBIGINATA. The Blue-bordered Carpet. B. M.
Geometra rubiginata, *Schiff.* (*W. V.* 114, 1776).
Xerene rubiginata, *Step. H.* iii. 251, 1831. *Wood, I. E.* t. 22, f. 606.
Phalæna-G. bicolorata, *Hüfn.*—(*Berl. M.* iv. 608, 1770).
Phalæna abbreviata, *Haw.* (*Pr.* 25, 1802).
Var. *a.* Phalæna trigonata, *Haw.* (*Pr.* 24, 1802).
Var. *b.* Zerene plumbata, *Cur. G.* 163, 1831. *Id. B. E.* xiv. t. 643, 1837.
Xerene plumbata, *Step. H.* iii. 251, 1831.
Xerene contaminata, *Step.* (*Cat.* ii. No. 6597, 1829).
Geometra vitiosata, *Frey. N. B.* i. 116, t. 60, f. 3, 1833.

296. EMMELESIA.

Emmelesia, *Step.* (*Cat.* ii. 147, 1829). *Id. H.* iii. 296, 1831.
Melanippe, p., *Bois. C.* 215, 1840.

a. CALOSTIGIA.

Calostigia, *Hüb. V.* 328, 1816.

1. EMMELESIA RIVULATA. The Rivulet. B. M.
Geometra rivulata, *Schiff.* (*W. V.* 109, 1776). *Hüb. Ge.* t. 50, f. 259, 1799.

Phalæna nassata, *Fab. M.* ii. 212, 1787.
Phalæna Alchemillata, *Haw. L. B.* 335, 1810.
Emmelesia affinitata, *Step. H.* iii. 297, 1831. *Wood, I. E.* t. 25, f. 693.
Var. *a.* Emmelesia turbaria, *Step. H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 694.

2. Emmelesia hydrata. The Small Rivulet. B. M.
Geometra hydrata, *Frey. N. B.* i. 106, t. 54, f. 1, 1833.
Phalæna nassata, *Haw. L. B.* 335, 1810.
Emmelesia rivulata, *Step. H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 695.
Emmelesia? Silenata, *Guén. MSS.*

b. Trichopteryx.

Trichopteryx, p., *Hüb. V.* 323, 1816.

3. Emmelesia decolorata. The Sandy Carpet. B. M.
Geometra decolorata, *Hüb. Ge.* t. 47, f. 243, 1799.
Emmelesia decolorata, *Step. H.* iii. 297, 1831. *Wood, I. E.* t. 25, f. 692.

c. Perizoma.

Perizoma, *Hüb. V.* 327, 1816.

4. Emmelesia albulata. The Grass Rivulet. B. M.
Geometra albulata, *Schiff.* (*W. V.* 109, 1776).
Emmelesia albulata, *Step. H.* iii. 299, 1831. *Wood, I. E.* t. 25, f. 698.
Var. *a.* Cleogone niveata, *Wood, I. E.* t. 24, f. 684.

5. Emmelesia Blandiata. The Pretty Pinion.
Geometra Blandiata, *Schiff.* (*W. V.* 109, 1776).
Emmelesia Blandiata, *Step. H.* iii. 299, 1831. *Wood, I. E.* t. 25, f. 697.
Var. *a.* Emmelesia trigonata, *Step. H.* iii. 299, 1831. *Wood, l. c.* f. 699.

6. Emmelesia ericetata. The Heath Rivulet. B. M.
Emmelesia ericetata, *Dale.—Cur.* (*G.* 164, 1831). *Step. H.* iii. 298, 1831. *Wood, I. E.* t. 25, f. 696.
Var.? *a.* Emmelesia Monticola, *Cur.* (*G.* 164, 1331).

7. Emmelesia tæniata. The Barred Rivulet.
Emmelesia tæniata, *Step. H.* iii. 299, t. 32, f. 3, 1831.

8. Emmelesia bifasciata. The Double-barred Rivulet. B. M.
Phalæna bifasciata, *Haw. L. B.* 334, 1810.
Emmelesia bifasciata, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 702.

9. Emmelesia unifasciata. The Single-barred Rivulet.
Phalæna unifasciata, *Haw. L. B.* 335, 1810.
Emmelesia unifasciata, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 701.

297. COSMORHOE.

Cosmorhoë, *Hüb. V.* 322, 1816.

1. Cosmorhoe rusticata. The Least Carpet. B. M.
Geometra rusticata, *Schiff.* (*W. V.* 113, 1776).
Emmelesia rusticata, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, f. 703.

298. HYRIA.

Hyria, *Step.* (*Cat.* ii. 150, 1829). *Id. H.* iii. 292, 1831.
Eois, p., *Hüb. V.* 308, 1816.

1. Hyria auroralis. The Purple-bordered Gold. B. M.
Pyralis auroralis, *Schiff.* (*W. V.* 124, 1776).
Phalæna-G. muricata, *Hüfn.*—(*Berl. M.* iv. 606, 1770).
Phalæna variegata, *Fab. M.* ii. 212, 1787.
Geometra sanguinaria, *Hüb. Beit.* i. 21, t. 3, f. S, 1788.
Geometra auroraria, *Hüb. Ge.* t. 12, f. 63, 1796.
Hyria auroraria, *Step. H.* iii. 292, 1831. *Wood, I. E.* t. 24, f. 685.

299. MINOA.

Minoa, *Treit.* (*S.* v. 2, 446, 1825). *Id.* vi. 2, 248, 1828.
Baptria, p., *Hüb. V.* 306, 1816.

1. Minoa Euphorbiata. The Drab Looper. B. M.

Geometra Euphorbiata, *Schiff.* (*W. V.* 116, 1776).
Minoa Euphorbiata, *Step. H.* iii. 293, 1831. *Wood, I. E.* t. 24, f. 687.
Phalæna murinata, *Scop. C.* No. 572, 1763.
Phalæna-G. fuscata, *Hüfn.*—(*Berl. M.* iv. 524, 1770).
Phalæna sordiata, *Haw.* (*Pr.* 26, 1802).

300. ODEZIA.

Odezia, *Bois. I. M.* 2 ed. 229, 1840.
Tanagra (Genus Avium), *Dup. L. F.* viii. 112, 1829.
Baptria, p., *Hüb.* (*V.* 306, 1816).

1. Odezia Chærophyllata. The Chimney-sweeper. B. M.

Phalæna-G. Chærophyllata, *Linn. S. Nat.* ii. 866, 1767.
Minoa Chærophyllata, *Step. H.* iii. 293, 1831. *Wood, I. E.* t. 24, f. 686.
Phalæna-G. atrata, *Linn. S. Nat.* i. 524, 1758.

Sub-F. XVIII. ACIDALIDI.

Acidalidi, *Guén. MSS.*
Acidalites, *Dup. C.* 271, 1846.

301. LOMASPILIS.

Lomaspilis, *Hüb. V.* 306, 1816.
Pœcilophasia, *Step. H.* iii. 314, 1831.
Abraxas, p., *Cur.* (*G.* 162, 1831).

1. Lomaspilis marginata. The Clouded Border. B. M.

Phalæna marginata, *Linn. S. Nat.* i. 527, 1758.
Pœcilophasia marginata, *Step. H.* iii. 314, 1831. *Wood, I. E.* t. 26, f. 733.

Phalæna Staphyleata, *Scop. C.* No. 548, 1763.
Var. *a.* Geometra maculata, *Hüb. Beit.* i. 24, t. 3, f. P., 1789.
Geometra nævaria, *Hüb. Ge.* t. 15, f. 79, 1796.
Pœcilophasia marginata, var., *West. & H. M.* ii. 77, t. 73, f. 12, 1843.
Var. *b.* Phalæna-G. hortulata, *Sulz. Ken.* 38, t. 16, f. 96, 1761.
Var. *c.* Geometra polutaria, *Hüb. Ge.* t. 15, f. 77, 1796.

302. PTYCHOPODA.

Ptychopoda, *Step.* (*Cat.* iii. 150, 1829). *Id. H.* iii. 305, 1831.
Acidalia, *Cur. B. E. fo.* 384, 1831.
Dosithea, *Dup. L. F.* viii. 108, 1829.

a. CRASPEDIA.

Craspedia, *Hüb. V.* 312, 1816.

1. PTYCHOPODA REVERSATA. The Small Fan-footed Wave. B. M.

Idæa reversata, *Treit. S.* vi. 2, 286, 1828.
Phalæna dilutata, *Haw. L. B.* 353, 1810.
Dosythea scutularia, *Dup. L. F.* ix. 55, t. 174, f. 2, 1830.
Ptychopoda dilutaria, *Step. H.* iii. 305, 1831. *Wood, I. E.* t. 25, f. 712.
Var. *a.* Ptychopoda fimbriolata, *Step. H.* iii. 306, 1831. *Wood, l. c.* f. 713.
Var. *b.* Ptychopoda cinereata, *Step. H.* iii. 306, 1831. *Wood, l. c.* f. 714.
———— ? decoraria ? *Step.* (*Cat.* ii. 6712, 1829).

2. PTYCHOPODA BISETATA. The Treble Brown Spot. B. M.

Phalæna bisetata, *Hüfn.*—(*Berl. M.* iv. 618, 1770).
Ptychopoda bisetata, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 716.
Geometra scutularia, var., *Hüb. Ge.* t. 14, f. 73, 1796.
Phalæna trigeminata, *Haw. L. B.* 354, 1810.

3. PTYCHOPODA SCUTULATA. The Single Dotted Wave. B. M.

Geometra scutulata, *Schiff.* (*W. V.* 117, 1776).
Phalæna-G. dimidiata, *Hüfn.*—(*Berl. M.* iv. 602, 1770).
Phalæna scutata, *Fab. M. I.* ii. 211, 1787.

Phalæna lividata, *Haw. L. B.* 353, 1810.
Ptychopoda, lividata, *Step. H.* iii. 306, 1831. *Wood, I. E.* t. 25, f. 715.
Dosythea scutularia, *Dup. L. F.* ix. 556, t. 210, f. 4, 1830.

4. PTYCOPODA ORNATA. The Lace Border. B. M.
Geometra ornata, *Schiff.* (*W. V.* 117, 1776).
Ptychopoda ornata, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 717.
Geometra ornataria, *Esp. S.* v. t. 51, f. 2—4, 1796.
Phalæna-G. institiata, *Hüfn.*—(*Berl. M.* iv. 526, 1770).
Phalæna-G. paludata, *Vill. E.* ii. 355, 1789.

b. ARRHOSTIA.

Arrhostia, p., *Hüb. V.* 311, 1816.

5. PTYCHOPODA IMMUTARIA. The Mullein Wave. B. M.
Geometra immutaria, *Hüb. Ge.* t. 20, f. 108, 1797.
Phalæna incanata, *Haw. L. B.* 350, 1810.
Ptychopoda incanata, *Step. H.* iii. 307, 1831. *Wood, I. E.* t. 25, f. 718.
Var. *a.* Phalæna contiguaria, *Haw. L. B.* 350, 1810.
Ptychopoda contiguaria, *Step. H.* iii. 308, 1831. *Wood, I. E.* t. 25, f. 719.

c. LEPTOMERIS?

Leptomeris, p.? *Hüb.? V.* 311, 1816.

6. PTYCHOPODA VIRGULARIA. The Small Dusty Wave. B. M.
Geometra virgularia, *Hüb.? Ge.* t. 19, f. 104, 1797.
Acidalia virgularia, *Step. H.* iii. 310, 1831. *Wood, I. E.* t. 26, f. 725.

303. EMMILTIS.

Emmiltis, *Hüb. V.* 309, 1816.
Ptychopoda? *Step. H.* iii. 309, 1831.

1. EMMILTIS RUBRICATA. The Tawny Wave.
Geometra rubricata, *Schiff.* (*W. V.* 110, 1776).
Ptychopoda? rubricata, *Step. H.* iii. 308, t. 31, f. 1, 1831.
Phalæna-G. rubiginata, *Hüfn.*—(*Berl. M.* iv. 610, 1770).

304. ACIDALIA.

Acidalia, *Treit.* (*S.* v. 2, 438, 1825). *Id.* vi. 2, 5, 1828.
Cymatida, *Sodoff.*—(*Bull. S. I. Mosc.* 18, 1837).

a. LEPTOMERIS.

Leptomeris, p., *Hüb. V.* 311, 1816.

1. ACIDALIA OSSEATA. The Dark Cream Wave. B. M.
Geometra osseata, *Schiff.* (*W. V.* 110, 1776).
Acidalia osseata, *Step. H.* iii. 309, 1831. *Wood, I. E.* t. 25, f. 723.
Geometra ossearia, *Hüb. Ge.* t. 19, f. 102, 1797.
Var. *a.* Ptychopoda subochreata, *Step.* (*Cat.* ii. No. 6708, 1829).

2. ACIDALIA MARGINEPUNCTATA.* The Dotted-bordered Cream [Wave.
Ptychopoda marginepunctata, *Step.* (*Cat.* ii. 6709, 1829).
Acidalia marginepunctata, *Step. H.* iii. 310, 1831. *West.* & *H. M.* ii. 75, t. 73, f. 2, 1843.

3. ACIDALIA OBSOLETARIA.* The Obscure Wave.
Acidalia? obsoletaria, *Ramb. F. A.* (*teste Bois. C.* 224, 1840).

b. ARRHOSTIA.

Arrhostia, p., *Hüb. V.* 311, 1816.

4. ACIDALIA PEROCHRARIA. The Bright Wave. B. M
Acidalia perochraria, *Tisher.*—*Fis. v. R.* 125, t. 49, 1834.
Acidalia pallidaria, *Cur. B. E.* viii. *fo.* 384, 1831.

5. ACIDALIA HOLOSERICEARIA. The Silky Wave.
Acidalia holosericcaria, *Parr.—Dup. L. F. Supp.* iv. 109, t. 59, f. 7, 1842.

6. ACIDALIA SUBSERICEATA. The Satin Wave. B. M.
Phalæna subsericeata, *Haw. L. B.* 352, 1810.
Acidalia subsericeata, *Step. H.* iii. 310, 1831. *Wood, I. E.* t. 25, f. 726.

7. ACIDALIA INORNATA. The Plain Wave.
Phalæna inornata, *Haw. L. B.* 349, 1810.
Acidalia inornata, *Step. H.* iii. 311, 1831. *Wood, I. E.* t. 25, f. 727.
Idæa suffusata, *Treit.? S.* vi. 2, 272, 1828.
Acidalia maritimata, *Guén.*—(*teste Doub. List*, 20, 1850).

8. ACIDALIA DEGENERARIA.* The Portland Ribbon Wave.
Geometra degeneraria, *Hüb. Ge.* t. 11, f. 57, 1796.
Acidalia degeneraria, *Cur. B. E.* viii. t. 384, 1831. *Step. H.* iv. 394, 1835.

9. ACIDALIA AVERSATA. The Ribband Wave. B. M.
Phalæna-G. aversata, *Linn. S. Nat.* i. 526, 1758.
Acidalia aversata, *Step. H.* iii. 311, 1831. *Wood, I. E.* t. 26, f. 728.
Var. *a.* Phalæna-G. lividata, *Linn. S. Nat.* i. 526, 1758.
Var. *b.* Phalæna remutata, *Haw. L. B.* 349, 1810.
Acidalia remutata, *Step. H.* iii. 312, 1831. *Wood, I. E.* t. 26, f. 729.
Var.? *c.* Phalæna fuliginata, *Haw.? L. B.* 350, 1810.
Acidalia fuliginata, *Step. H.* iii. 312, 1831.

c. ASTHENA.

Asthena, p., *Hüb. V.* 310, 1816.

10. ACIDALIA REMUTATA. The Cream Wave. B. M.
Phalæna-G. remutata, *Linn.? S. Nat.* i. 528, 1758.
Phalæna-G. trilineata, *Hüfn.*—(*Berl. M.* iv. 606, 1770).

Phalæna floslactata, *Haw. L. B.* 351, 1810.
Acidalia floslacata, *Step. H.* iii. 313, 1831. *Wood, I. E.* t. 26, f. 732.
Var. *a.* Phalæna nemorata, *Haw.* (*Pr.* 27, 1802).
Phalæna lactata, *Haw. L. B.* 351, 1810.
Acidalia lactata, *Step. H.* iii. 313, 1831. *Wood, I. E.* t. 26, f. 731.
Var. *b.* Phalæna sublactata, *Haw. L. B.* 351, 1810.

11. ACIDALIA CÆSPITARIA. The Lesser Cream Wave. B. M.
Acidalia cæspitaria, *Bois. I. M.* 2 ed. 225, 1840.
Phalæna immutaria, *Haw. L. B.* 352, 1810.
Acidalia immutaria, *Step. H.* iii. 308, 1831. *Wood, I. E.* t. 25, f. 721.
Geometra sylvestraria, *Frey. N. B.* i. 142, t. 77, f. 2, 3, 1834.

12. ACIDALIA FUMATA. The Smoky Wave.
Acidalia fumata, *Dale ?—Step. H.* iii. 312, 1831. *Wood, I. E.* t. 26, f. 730, 1835.
Acidalia nitidaria, *Bois. I. M.* 2 ed. 227, 1840.

d. STRENIA.

Strenia, p., *Bois. I. M.* 2 ed. 227, 1840.

13. ACIDALIA IMMORATA. The Barred Wave.
Phalæna-G. immorata, *Linn. S. Nat.* i. 528, 1728. *Schiff.* (*W. V.* 107, 1776).
Geometra immoraria, *Hüb. Ge.* t. 25, f. 133, 1797.
Phalæna-G. grammaria, *Hüfn.*—(*Berl. M.* iv. 614, 1770).
Phalæna-G. festucaria, *Brahm. I. K.* ii. 321, 1791.

305. STRENIA.

Strenia, *Dup. L. F.* viii. 112, 1829.
Chiasmia, p., *Hüb. V.* 293, 1816.
Hercyna, *Step.* (*Cat.* ii. 149, 1829).

1. STRENIA CLATHRATA. The Latticed Heath. B. M.
Phalæna-G. clathrata, *Linn. S. Nat.* i. 524, 1758.
Strenia clathrata, *Step. H.* iii. 302, 1831. *Wood, I. E.* t. 25, f. 709.

Phalæna retialis, *Scop. C.* No. 536, 1763.
Var. *a.* Geometra cancellaria, *Hüb. Ge.* t. 62, f. 322, 1801.
Var. *b.* Phalæna radiata, *Haw. L. B.* 348, 1810.
Var. *c.* Phalæna retata, *Haw. L. B.* 348, 1810.

306. EUCHŒCA.

Euchœca, *Hüb. V.* 298, 1816.
Eupisteria, p., *Bois. I. M.* 2 ed. 192, 1840.
Fidonia, p., *Dup. Cat.* 240, 1846.

1. EUCHŒCA HEPARATA. The Dingy Shell. B. M.
Geometra heparata, *Schiff.* (*W. V.* 116, 1776).
Emmelesia? heparata, *Step. H.* iii. 302, 1831. *Wood, I. E.* t. 25, f. 708.

307. HYDRELIA.

Hydrelia, *Hüb. V.* 322, 1816.

1. HYDRELIA SYLVATA. The Waved Carpet. B. M.
Geometra sylvata, *Schiff.* (*W. V.* 109, 1776).
Emmelesia? sylvata, *Step. H.* iii. 300, 1831. *Wood, I. E.* t. 25, 704.
Phalæna testaceata, *Don. B. I.* xiv. 51, t. 487, f. 1, 1810.

2. HYDRELIA BLOMERI. Blomer's Rivulet. B. M.
Melanippe Blomeri, *Cur. B. E.* ix. t. 416, 1832.
Emmelesia? Blomeri, *Step. H.* iv. 393, 1835.
Geometra pulchraria, *Evers.—Bull. S. I. Mosc.* iii. 557, t. 6, f. 9, 1842.

308. ASTHENA?

Asthena? *Hüb. V.* 310, 1816.

1. ASTHENA? LUTEATA. The Small Yellow Wave. B. M.
Geometra luteata, *Schiff.* (*W. V.* 110, 1776).
Emmelesia? luteata, *Step. H.* iii. 301, 1831. *Wood, I. E.* t. 25, f. 707.
Phalæna centrata, *Fab. G. Mant.* 290, 1777.
Phalæna flavostrigata, *Don. B. I.* xi. 73, t. 386, f. 1, 2, 1802.

2. ASTHENA? CANDIDATA. The Small White Wave. B. M.
Geometra candidata, *Schiff.* (*W. V.* 110, 1776).
Emmelesia? candidata, *Step. H.* iii. 301, 1831. *Wood, I. E.* t. 25, f. 706.
Phalæna-G. albulata, *Hüfn.*—(*Berl. M.* iv. 327, 1770).
Phalæna immutata, *Fab. S. E.* 637, 1775.

Sub-F. XIX. TIMANDRIDI.

Timandridi, *Step. MSS.*

309. NEMORIA.

Nemoria, *Hüb. V.* 285, 1816.
Chlorissa, p., *Step. H.* iii. 315, 1831.

1. NEMORIA VIRIDATA. The Small Grass Emerald. B. M.
Phalæna-G. viridata, *Linn. S. Nat.* i. 523, 1758.
Chlorissa viridata, *Step. H.* iii. 316, 1831. *Wood, I. E.* t. 26, f. 734.
Geometra vernaria, *Haw. L. B.* 300, 1810.

*2. NEMORIA CLORARIA. The Middle Grass Emerald.
Geometra cloraria, *Hüb.? Ge.* t. 68, f. 352, 1804.
Hemithea cloraria, *Dup. ? L. F.* ix. 519, t. 210, f. 1, 1830.
Chlorissa cloraria, *Step. H.* iii. 316, 1831. *Wood, I. E.* t. 26, f. 735.

310. THALERA.

Thalera, *Hüb. V.* 285, 1816.
Chlorissa, p., *Step. H.* iii. 315, 1831.

a. THALERA.

Thalera, *Hüb. ut supra.*

1. THALERA ÆSTIVARIA. The Common Emerald. B. M.
Geometra Æstivaria, *Hüb. Beit.* i. 22, t. 3, f. R, 1786. *Esp. S.* v. 24, t. 2, f. 1, 2, 1794.
Phalæna-G. fimbriata, *Hüfn.*—(*Berl. M.* iv. 604, 1770).

Phalæna vernaria, *Fab. S. E.* 620, 1775. *Don. B. I.* x. 47, t. 310, 1801.
Phalæna-G strigata, *Vill. E.* ii. 611, 1789.
Geometra bajularia, *Lang. V.* 2, 174, 1791.
Phalæna-G. Thymiaria, *Linn.? S. Nat.* ii. 859, 1767?
Chorissa Thymiaria, *Step. H.* iii. 316, 1831.
Var. *a.* Ptychopoda vernaria, *Step.* (*Cat.* ii. No. 6734, 1829).

b. Jodis.

Jodis, p., *Hüb. V.* 286, 1816.

2. Thalera putata. The Little Emerald. B. M.
Phalæna-G. putata, *Linn. S. Nat.* i. 523, 1758.
Phalæna-G. putataria, *Linn. F.* No. 1225, 1761.
Chlorissa? putataria, *Step. H.* iii. 317, 1831. *Wood, I. E.* t. 26, f. 737.
Geometra lactearia? *Haw.* (*Pr.* 21, 1802).

311. TIMANDRA.

Timandra, *Dup. L. F.* viii. 105, 1829.
Calothysanis, p., *Hüb. V.* 301, 1816.

1. Timandra imitaria. The Small Blood-vein. B. M.
Geometra imitaria, *Hüb. Ge.* t. 10, f. 21, 1796.
Timandra imitaria, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 738.

2. Timandra exemptaria. The Subangled Wave. B. M.
Geometra exemptaria, *Hüb.* (*V.* 301, 1816).
Phalæna variegata, *Scop.? C.* No. 553, 1763.
Timandra variegata, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 739.
Geometra strigilata, *Schiff.* (*W. V.* 117, 1776).
Phalæna mediata, *Fab.? M. I.* 209, 1787.
Acidalia prataria, *Bois. I. M.* 2 ed. 227, 1840.

3. TIMANDRA EMUTARIA. The Dusky Wave.

Geometra emutaria, *Hüb. Ge.* t. 63, f. 323, 1801.
Timandra emutaria, *Step. H.* iii. 318, 1831. *Wood, I. E.* t. 26, f. 740.
Var. *a.* Geometra subroseata, *Haw. L. B.* 351, 1810. *Step. H.* iii. 319, 1831.

312. MACARIA.

Macaria, *Cur. B. E.* iii. *fo.* 132, 1826.
Semiothisa, p., *Hüb. V.* 298, 1816.

1. MACARIA NOTATA. The Peacock. B. M.

Phalæna-G. notata, *Linn. S. Nat.* i. 523, 1758.
Macaria notata, *Step. H.* iii. 319, 1831. *Wood, I. E.* t. 26, f. 742.
Phalæna-G. exustata, *Hüfn.*—(*Berl. M.* iv. 600, 1770).

2. MACARIA ALTERNATA. The Sharp-angled Peacock.

Geometra alternata, *Schiff.* (*W. V.* 106, 1776).
Macaria alternata, *Step. H.* iii. 320, 1831. *Wood, I. E.* t. 26, f. 743.
Phalæna prænotata, *Haw. L. B.* 346, 1810.

3. MACARIA LITURATA. The Tawny-barred Angle. B. M.

Phalæna-G. liturata, *Linn. F.* ii. No. 1272, 1761.
Macaria liturata, *Cur. B. E.* iii. t. 132, 1826. *Step. H.* iii. 320, 1831.
Phalæna-G. igneata, *Hüfn.*—(*Berl. M.* iv. 612, 1770).
Phalæna obscurata, *Haw.* (*Pr.* 27, 1802).
Var.? *a.* Phalæna præatomata, *Haw. L. B.* 345, 1810.
Macaria præatomata, *Step. H.* iii. 321, 1831.

313. ANIA.

Ania, *Step. H.* iii. 321, 1831.
Cepphis, p., *Hüb. V.* 294, 1816.

1. ANIA EMARGINATA. The Small Scallop. B. M.

Phalæna-G. emarginata, *Linn. S. Nat.* i. 524, 1758.
Ania emarginata, *Step. H.* iii. 322, 1831.

Phalæna-G. erosata, *Hüfn.*—(*Berl. M.* iv. 526, 1770).
Phalæna demandata, *Fab. S. E.* 630, 1775.
Phalæna quadripunctata, *Don. B. I.* xiv. 68, t. 493, f. 3, 1810.
♀. Phalæna dimidiata, *Haw. L. B.* 347, 1810.
Phalæna rumigerata, *Don. B. I.* xiv. 67, t. 493, f. 2, 1810.

314. ENNOMOS.

Ennomos, t., *Treit.* (*S.* v. 2, 427, 1825). *Id.* vi. 1, 4, 1827.
Colpœsia, *Hüb. V.* 287, 1816.
Aventia, *Dup. L. F.* viii. 105, 1829.

1. ENNOMOS FLEXULA. The Beautiful Hooktip. B. M.

Phalæna flexula, *Fab. M. I.* ii. 197, 1787.
Ennomos flexula, *Step. H.* iii. 323, 1831. *Wood, I. E.* t. 26, f. 750.
Phalæna sinuata, *Fab. G. I. M.* 287, 1777.

Fam. II. PLATYPTERICIDÆ.

Platyptericidæ, *Step. H.* iv. 3, 1834.

315. PLATYPTERYX.

Platypteryx, *Lasp. Pl.* 27, 1803.
Prionia, *Hüb. V.* 150, 1816.

1. PLATYPTERYX LACERTINARIA. The Scalloped Hooktip. B. M.

Phalæna-G. lacertinaria, *Linn. S. Nat.* i. 519, 1758.
Geometra lacertula, *Schiff.* (*W. V.* 64, 1776).
Platypteryx lacertula, *Step. H.* iv. 4, 1834. *Wood, I. E.* t. 26, f. 751.
Geometra dentaria, *Thunb. I. S.* 5, 1784.
♂. Bombyx Scincula, *Hüb. Bo.* t. 12, f. 50, 1798?
♀. Bombyx Lacertula, *Hüb. Bo.* t. 12, f. 49, 1798?
Var. *a.* Falcaria curvula, *Haw. L. B.* 154, 1810.
Var. *b.* Platypteryx cultraria, *Leach* (*E. E.* ix. 134, 1815). *Step. H.* iv. 5, 1834. *Wood, I. E.* t. 26, f. 752.

316. DREPANA.

Drepana, *Schr. F. B.* ii. 2, 155, 1802.

a. SYSSAURA.

Syssaura, *Hüb. V.* 150, 1816.

1. DREPANA FALCATARIA. The Pebble Hooktip. B. M.
Phalæna-G. falcataria, *Linn. S. Nat.* i. 519, 1758.
Drepana falcataria, *Step. H.* iv. 6, 1834. *West. & H. M.* ii. 83, t. 74, f. 4, 5, 1843.
Geometra falcula, *Schiff.* (*W. V.* 64, 1776).

2. DRAPANA SICULA.* The Scarce Pebble Hooktip.
Geometra sicula, *Schiff.* (*W. V.* 64, 1776).
Bombyx sicula, *Hüb. Bo.* t. 11, f. 41, 1797.
Bombyx harpagula, *Esp. S.* iii. 373, t. 73, f. 1, 2, 1785?

b. DREPANIA.

Drepania, *Hüb. V.* 149, 1816.

3. DREPANA HAMULA. The Oak Hooktip. B. M.
Geometra hamula, *Schiff.* (*W. V.* 64, 1776).
Drepana hamula, *Step. H.* iv. 7, 1834. *Wood, I. E.* t. 26, f. 754.
Phalæna-G. binaria, *Hüfn.*—(*Berl. M.* iv. 516, 1770).
Phalæna falcata, *Fab. S. E.* 629, 1775.
Phalæna-G. falculataria, *Ill. E.* ii. 301, t. 6, f. 1, 1789.
Var. *a.* Phalæna-B. uncinula, *Bork. E. S.* iii. 461, 1790.
Var. *b.* Bombyx uncula, *Hüb.? Bo.* t. 12, f. 45, ♀, 1797.
Drepana uncula, *Wood, I. E.* t. 26, f. 755.

4. DREPANA UNGUICULA. The Barred Hooktip. B. M.
Bombyx unguicula, *Hüb. Bo.* t. 12, f. 48, 1797.
Drepana unguicula, *Step. H.* iv. 7, 1834. *Wood, I. E.* t. 26, f. 756.
Phalæna cultraria, *Fab.? S. E.* 621, 1775.
Bombyx sicula, *Esp. S.* iii. 378, t. 74, f. 4—7, 1785?

317. CILIX.

Cilix, *Leach, E. E.* ix. 134, 1815.
Euclea, *Hüb. V.* 149, 1816.

1. CILIX SPINULA. The Chinese Character. B. M.

Geometra spinula, *Schiff.* (*W. V.* 64, 1776).
Bombyx compressa, *Fab. G. I. M.* 279, 1777.
Cilix compressa, *Step. H.* iv. 9, 1834. *Wood, I. E.* t. 26, f. 757.
Phalæna glaucata, *Scop.? C.* No. 549, 1763.
Phalæna-A. ruffa, *Linn.? S. N.* ii. 1068, 1761.
Geometra modesta, *Walsh.—Naturf.* xiii. 27, t. 3, f. 4, 1786.
(*Vide* Pyralis Bankiana, *Fab. S. E.* 645, 1775).

Fam. III. PYRALIDÆ.

Pyralidæ, *Leach, E. E.* ix. 135, 1815.

Sub-F. I. HERMINIDI.

Herminidi, *Step. MSS.*
Herminites, *Dup. C.* 211, 1846.

318. HYPENA.

Hypena, *Schr. F. B.* ii. 2, 163, 1802.
Herminia, *Latr. H. N.* iii. 413, 1802.
Pogonitis, *Sodoff.*—(*Bull. S. I. Mosc.* 18, 1837).

a. MACROCHILO.

Macrochilo, p., *Hüb. V.* 345, 1816.

1. HYPENA PROBOSCIDALIS. The Snout. B. M.

Phalæna-P. proboscidalis, *Linn. S. Nat.* i. 533, 1758.
Hypena proboscidalis, *Step. H.* iv. 11, 1834. *West & H. M.* ii. 85, t. 74, f. 9, 10, 1843.
Phalæna ensalis, *Fab. E. S.* iii. 2, 221, 1794.

b. HYPENA.

Hypena, *Hüb. V.* 345, 1816.

2. HYPENA ROSTRALIS. The Buttoned Snout. B. M.

Phalæna-P. rostralis, *Linn. S. Nat.* i. 533, 1758.
Hypena rostralis, *Step. H.* iv. 12, 1834. *Wood, I. E. t.* 27, f. 761.
Var. *a.* Phalæna palpalis, *Fab. S. E.* 642, 1775.
Crambus palpatus, *Haw.? L. B.* 366, 1810.
Hypena palpalis, *Step. H.* iv. 12, 1834.
Var. *b.* Crambus vittatus, *Haw. L. B.* 367, 1810.
Var. *c.* Pyralis tinealis, *Schiff.* (*W. V.* 119, 1776).
Aber. ? Pyralis radiatalis, *Hüb.? Py.* t. 20, f. 134.

c. BOMOLOCHA.

Bomolocha, *Hüb. V.* 343, 1816.

3. HYPENA CRASSALIS. The Beautiful Snout. B. M.

Phalæna crassalis, *Fab. M. I.* ii. 217, 1787.
Hypena crassalis, *Cur. B. E.* vi. t. 288, 1829. *Step. H.* iv. 13, 1834.
Var. *a.* Pyralis Achatalis, *Hüb. Py.* t. 2, f. 12; t. 27, f. 172, 1796.

319. MACROCHILA.

Macrochila, *Hüb. V.* 345, 1816.
Polypogon, *Step.* (*Cat.* ii. 158, 1829).

1. MACROCHILA CRIBRALIS. The Dotted Fan-foot. B. M.

Pyralis cribralis, *Hüb. Py.* t. 1, f. 2, 1796.
Macrochila cribralis, *Step. H.* iv. 14, 1834, 2.
Pyralis cribralis, *Cur. B. E.* xi. t. 527, 1834, 12.

320. POLYPOGON.

Polypogon, *Schr. F. B.* ii. 2, 161, 1802.
Herminia, *Latr. G.* iv. 228, 1809.
Pechipogon, *Hüb. V.* 344, 1816.

1. POLYPOGON BARBALIS. The Common Fan-foot. B. M.

Phalæna-P. barbalis, *Linn. F.* ii. No. 1345, 1763.
Pechipogon barbalis, *Step. H.* iv. 15, 1834. *Wood, I. E.* t. 27, f. 764.
Pyralis pectitalis, *Hüb. Py.* t. 19, f. 122, 1797.

321. PARACOLAX.

Paracolax, *Hüb. V.* 344, 1816.

1. PARACOLAX TARSICRINALIS. The Fan-foot. B. M.

Pyralis tarsicrinalis, *Hüb. Py.* t. 1, f. 5, 1796.
Paracolax tarsicrinalis, *Step. H.* iv. 17, 1834. *Wood, I. E.* t. 27, f. 767.
Pyralis tentaculalis, *Haw.* (*Pr.* 29, 1802).
Paracolax barbalis, *Hüb.* (*V.* 344, 1816).

2. PARACOLAX NEMORALIS. The Small Fan-foot. B. M.

Phalæna nemoralis, *Fab. S. E.* 642, 1775.
Paracolax nemoralis, *Step. H.* iv. 16, 1834. *Wood, I. E.* t. 27, f. 766.
Pyralis griscalis, *Schiff.* (*W. V.* 120, 1776).

3. PARACOLAX DERIVALIS. The Clay Fan-foot. B. M.

Pyralis derivalis, *Hüb. Py.* t. 3, f. 19, 1796.
Paracolax derivalis, *Step. H.* iv. t. 33, f. 2, 1834.

322. COLOBOCHYLA.

Colobochyla, *Hüb. V.* 344, 1816.
Madopa, *Step.* (*Cat.* ii. 159, 1829).

1. COLOBOCHYLA SALICALIS. The Lesser Belle. B. M.

Pyralis Salicalis, *Schiff. W. V.* 285, t. 1 *a*, f. 5.
Colobochyla Salicalis, *Step. H.* iv. 18, 1834. *Wood, I. E.* t. 27, f. 769.
Phalæna obliquata, *Fab. E. S.* iii. 2, 185, 1794.

Sub-F. II. CLEDEOBIDI.

Cledeobidi, *Step. MSS.*
Cledeobites, *Dup. C.* 209, 1846.

323. SYNAPHA.

Synapha, *Hüb. V.* 347, 1816.
Cledeobia, *Guén. MSS.?*
Botys, t., *Latr. H. N.* iii. 414, 1802.

1. SYNAPHA ANGUSTALIS. The Small Snout. B. M.

Pyralis angustalis, *Schiff.* (*W. V.* 120, 1776).
Cledeobia angustalis, *Step. H.* iv. 19, 1834. *Wood, I. E.* t. 27, 770.
Phalæna erigalis, *Fab. E. S.* iii. 2, 237, 1794.
♀. Pyralis curtalis, *Schiff.* (*W. V.* 120, 1776).
Pyralis rufescalis, *Haw.* (*Pr.* 30? 1802).
Pyralis Bombycalis, *Hüb. Py.* t. 19, f. 123, 1796.

324. CLEDEOBIA.

Cledeobia, *Step.* (*Cat.* ii. 159, 1829). *Id. H.* iv. 19, 1834.
Hypenodes, *Guén. MSS.*

1. CLEDEOBIA ALBISTRIGALIS. The White-line Snout. B. M.

Crambus albistrigalis, *Haw. L. B.* 368, 1810.
Cledeobia albistrigalis, *Step. H.* iv. 20, 1834. *Wood, I. E.* t. 27, f. 771.
Hypenodes nolalis, *Guén.—teste Doub.* (*List*, 14, 1850).

2. CLEDEOBIA COSTÆSTRIGALIS. The Pinion-streaked Snout.

Crambus costæstrigalis, *Haw.? MSS.*
Cledeobia costæstrigalis, *Step. H.* iv. 21, 1834. *Wood, I. E.* t. 27, f. 772.
Hypenodes leucopteralis, *Guén.—teste Doub.* (*List*, 14, 1850).

325. HYPENODES.

Hypenodes, *Guén. MSS.—Doub.* —(*Zool. App.* cv. 1850).

1. HYPENODES HUMIDALIS. The Marsh Oblique-barred. B. M.

Hypenodes humidalis, *Doub.—Zool. App.* viii. cv. 1850.
Hypenodes Hibernicalis, *Doub. MSS.* (*olim.*).
Pyralis biobliqualis, —— *MSS.*

Sub.-F. III. AGLOSSIDI.

Aglossidi, *Step. MSS.*
Aglossites, *Dup. C.* 210, 1846.

326. AGLOSSA.

Aglossa, *Latr. H.* iii. 414, 1802.

a. EUCLITA.

Euclita, *Hüb. V.* 347, 1816.

1. AGLOSSA PINGUINALIS. The Tabby. B. M.

Phalæna-P. pinguinalis, *Linn. S. Nat.* i. 533, 1758.
Aglossa pinguinalis, *Step. H.* iv. 23, 1834. *Wood, I. E.* t. 27, f. 775.
Var. *a.* Crambus pinguiculatus, *Haw. L. B.* 372, 1810.
Var. *b.* Pyralis Streatfeildii, *Curt. B. E.* x. t. 455, 1834.
Aglossa Streatfeildii, *Step. H.* iv. 24, 1834.

b. HYPSOPYGIA.

Hypsopygia, p., *Hüb. V.* 348, 1816.

2. AGLOSSA CUPREALIS. The Small Tabby. B. M.

Hypsopygia cuprealis, *Hüb.* (*V.* 348, 1816). *Wood, I. E.* t. 27, f. 776.
Pyralis Caprealis, *Hüb. Py.* t. 23, f. 153, 1796.
Aglossa Caprealis, *Step. H.* iv. 23, 1834.

Crambus Capreolatus, *Haw. L. B.* 372, 1810.
Aglossa cuprœalis, *Doub.* (*List*, 13, 1850).

327. PYRALIS.

Pyralis, *Linn. S. Nat.* i. 533, 1758.
Asopia, A., *Treit. S.* vii. 146, 1829.

a. PYRALIS.

Pyralis, *Linn. ut. supra.*

1. PYRALIS FARINALIS. The Meal Moth. B. M.

Phalæna-P. farinalis, *Linn. S. Nat.* i. 533, 1758.
Pyralis farinalis, *Step. H.* iv. 25, 1834. *Wood, I. E.* t. 27, f. 778.
Phalæna Pyralis, *Fues. S. I.* 41, 1775.

b. EUCLITA.

Euclita, *Hüb. V.* 347, 1816.

2. PYRALIS GLAUCINALIS. The Double-striped. B. M.

Phalæna-P. glaucinalis, *Linn. S. Nat.* i. 533, 1758.
Pyralis glaucinalis, *Step. H.* iv. 26, 1834. *Wood, I. E.* t. 27, f. 780.
Phalæna nitidalis, *Fab. M. I.* ii. 219, 1787.
Euchita incalidalis, *Hüb.* (*V.* 347, 1816).

328. HYPSOPYGIA.

Hypsopygia, *Hüb. V.* 348, 1816.
Agrotera? *Step.* (*Cat.* ii. 160, 1829).

1. HYPSOPYGIA COSTALIS. The Gold Fringe. B. M.

Phalæna costalis, *Fab. S. E.* 644, 1775.
Hypsopygia costalis, *Step. H.* iv. 27, 1834. *Wood, I. E.* t. 27, f. 781.
Pyralis fimbrialis, *Schiff.* (*W. V.* 124, 1776).

329. AGROTERA.

Agrotera, *Hüb. V.* 348, 1816.
Asopia, B., *Treit. S.* vii. 155, 1829.

1. AGROTERA FLAMMEALIS. The Rosy Flounced. B. M.
Pyralis flammealis, *Schiff.* (*W. V.* 123, 1776).
Agrotera flammealis, *Step. H.* iv. 28, 1834. *Wood, I. E.* t. 27, f. 782.

330. DOLYCHARTHRIA.

Dolycharthria, *Step. H.* iv. 55, 1834.
Stenia, *Guén.—Dup. C.* 202, 1846.

1. DOLYCHARTHRIA PUNCTALIS. The Long-legged Pearl. B. M.
Pyralis punctalis, *Schiff.* (*W. V.* 123, 1776). *Treit. Heulf.* t. 3, f. 9, 1834.
Scopula longipedalis, *Cur. B. E.* viii. t. 312, 1830.
Margaritia? (Dolycharthria) longipedalis, *Step. H.* iv. 55, 1834.
Asopia Ætnæalis, *Dup. L. F.* x. 199, t. 223, f. 4, 1831.

Sub-F. IV. NYMPHULIDI.

Nymphulidi, *Step. MSS.*
Nymphulites, *Dup. C.* 201, 1846.

331. DIASEMIA.

Diasemia, *Hüb. V.* 348, 1816.
Prodelia, *Guén.—Doub.* (*List*, 13, 1850).

1. DIASEMIA LITERALIS. The Lettered China Mark. B. M.
Pyralis literalis, *Schiff.* (*W. V.* 122, 1776).
Diasemia literalis, *Step. H.* iv. 37, 1834. *Wood, I. E.* t. 28, f. 798.
Phalæna argentalis, *Fab.? S. I.* ii. 275, 1781.

332. HYDROCAMPA.

Hydrocampa, *Latr. F. N.* 478, 1825.

a. NAUSINOE.

Nausinoë, *Hüb. V.* 362, 1816.

1. HYDROCAMPA POTAMOGATA. The Brown China Mark. B. M.
Phalæna-G. Potamogata, *Linn. S. Nat.* i. 529, 1758.
Phalæna Potamogata, *Don. B. I.* ix. 9, t. 363, f. 1, 1806.
Hydrocampa Potamogata, *Step. H.* iv. 38, 1834.
Pyralis Nymphæalis, *Lang. V.* ii, 210, 1782. *Hüb. Py.* t. 13, f. 85, 1796.

b. NYMPHULA.

Nymphula, *Hüb. V.* 362, 1816.

2. HYDROCAMPA NYMPHEATA. The Beautiful China Mark. B. M.
Phalæna-G. Nympheata, *Linn. S. Nat.* i. 529, 1758.
Hydrocampa Nympheata, *Step. H.* iv. 39, 1834. *West. & H. M.* ii. 97, t. 76, f. 21—23, 1843.
Phalæna-G. nitidulata, *Hüfn.*—(*Berl. M.* iv. 618, 1770).
Pyralis Potamogalis, *Hüb. Py.* t. 13, f. 82, 1796.
Phalæna stagnata, *Don. B. I.* xi. 10, t. 363, f. 3, 1806.

c. CATACLYSTA.

Cataclysta, *Hüb. V.* 363, 1816.

3. HYDROCAMPA LEMNATA. The Small China Mark. B. M.
Phalæna-G. Lemnata, *Linn. S. Nat.* i. 529, 1758.
Hydrocampa Lemnata, *Step. H.* iv. 40, 1834. *Wood, I. E.* t. 28, f. 801.
Phalæna-G. gemmata, *Hüfn.*—(*Berl. M.* iv. 614, 1770).
♀. Phalæna Uliginata, *Fab. F. S.* iii. 2, 214, 1794.

333. PARAPOYNX.

Parapoynx, *Hüb. V.* 362, 1816.

1 PARAPOYNX STRATIOTATA. The Ringed China Mark. B. M.

Phalæna-G. Stratiotata, *Linn. S. Nat.* i. 529, 1758.
Parapoynx Stratiotata, *Step. H.* iv. 41, 1834.
Hydrocampa Stratiotata, *Cur. B. E.* xi. t. 495, 1834.
Phalæna paludata, *Fab. E. S.* iii. 2, 213, 1794.

Sub-F. V. BOTYDI.

Botydi, *Step. MSS.*
Botytes, *Dup. C.* 205, 1846.

334. PHLYCTÆNIA.

Phlyctænia, *Hüb. V.* 359, 1816.
Ebulea, p., *Guén.—teste Doub.* (*List*, 14, 1850).

1. PHLYCTÆNIA SAMBUCALIS. The Garden China Mark. B. M.

Pyralis Sambucalis, *Schiff.* (*W. V.* 122, 1776).
Phlyctænia Sambucalis, *Step. H.* iv. 42, 1834. *Wood, I. E.* t. 28, f. 803.

335. EURRHYPARA.

Eurrhypara, *Hüb. V.* 360, 1816.
Botys, *Step.* (*Cat.* ii. 164, 1829).
Ostreophana, *Sodoff.*—(*Bull. S. I. Mosc.* 19, 1837).

1. EURRHYPARA URTICATA. The Small Magpie. B. M.

Phalæna-G. Urticata, *Linn. F.* ii. No. 1297, 1761.
Eurrhypara Urticata, *Step. H.* iv. 44, 1834. *Wood, I. E.* t. 28, f. 805.
Phalæna Hortulata, *Linn. S. Nat.* i. 529, 1758.

336. EBULEA.

Ebulea, *Guén.—Doub.* (*List*, 14, 1850).

a. ECPYRRHORRHOE.

Ecpyrrhorrhoë, *Hüb. V.* 356, 1816.

1. EBULEA VERBASCALIS. The Rusty China Mark. B. M.

Pyralis Verbascalis, *Schiff.* (*W. V.* 121, 1776).
Margaritia Verbascalis, *Step. H.* iv. 54, 1834.
Pyralis arcualis, *Hüb. Py.* t. 12, f. 80, 1796.
Margaritia (ochrealis), *Wood, I. E.* t. 28, f. 820.

b. SITOCHROA.

Sitochroa, p., *Hüb. V.* 356, 1816.

2. EBULEA CROCEALIS. The Small Straw China Mark. B. M.

Pyralis crocealis, *Hüb. Py.* t. 11, f. 71, 1796.
Pyralis ochrealis, *Haw. L. B.* 381, 1812.
Margaritia ochrealis, *Step. H.* iv. 53, 1834.
Margaritia (Verbascalis), *Wood, I. E.* t. 28, f. 824.

337. NASCIA.

Nascia, *Cur. B. E.* xii. *fo.* 559, 1835.
Epicorsia, p., *Hüb. V.* 355, 1816.

1. NASCIA CILIALIS.* The Orange Cloud.

Pyralis cilialis, *Hüb. Py.* t. 18, f. 119, 1796.
Margaritia cilialis, *Step. H.* iv. 53, 1834.
Nascia cilialis, *Cur. B. E.* xii. t. 559, 1835.
Var. *a.* Botys Catalaunalis, *Dup. L. F.* x. 330, t. 232, f. 8, 1832.

338. UDEA.

Udea, *Guén.—Dup. C.* 209, 1846.

1. UDEA FERRUGALIS. The Rusty Dot. B. M.
Pyralis ferrugalis, *Hüb. Py.* t. 9, f. 54, t. 23, f. 150, 1796.
Margaritia ferrugalis, *Step. H.* iv. 53, 1834. *Wood, I. E.* t. 28, f. 822.
Var. *a.* Margaritia fulvalis, *Step. H.* iv. 54, 1834. *Wood, I. E.* t. 28, f. 823.

339. MECYNA.

Mecyna, *Guén.—Doub.* (*List*, 14, 1850).
Mesographa, p., *Hüb. V.* 354, 1816.

1. MECYNA ASINALIS. The Dusky Pearl. B. M.
Pyralis asinalis, *Hüb. Py.* t. 29, f. 185, 1797.
Margaritia asinalis, *Step. H.* iv. 47, 1834. *Wood, I. E.* t. 28, f. 808.

340. NOMOPHILA.

Nomophila, *Hüb. V.* 368, 1816.
Stenopteryx, *Guén.—Doub.* (*List*, 14, 1850).

1. NOMOPHILA NOCTUELLA. The Rush Veneer. B. M.
Pyralis Noctuella, *Schiff.* (*W. V.* 136, 1776).
Pyralis hybridalis, *Hüb. Py.* t. 17, f. 114, 1797.
Nomophila hybridalis, *Step. H.* iv. 312, 1834. *Wood, I. E.* t. 47, f. 1476.

341. BOTYS.

Botys, *Latr. R. A.* 573, 1818.
Margaritia, *Step.* (*Cat.* ii. 164, 1829). *Id. H.* iv. 46, 1834.

a. EPICORSIA.

Epicorsia, *Hüb. V.* 355, 1816.

1. BOTYS VERTICALIS. The Mother-of-Pearl. B. M.
Phalæna Verticalis, *Linn. S. Nat.* i. 533, 1758.
Margaritia Verticalis, *Step. H.* iv. 48, 1834. *Wood, I. E.* t. 28, f. 810.
Epicorsia Iridialis, *Hüb.* (*V.* 355, 1816).

*2. BOTYS PERPENDICULALIS. The Scarce Mother-of-Pearl.

Botys perpendiculalis, *Dup. L. F.* x. 324, t. 232, f. 5, 1831.
Margaritia centrostrigalis, *Step. H.* iv. 49, 1832. *Wood, I. E.* t. 28, f. 811, ♀.

3. BOTYS PANDALIS. The Bordered Pearl. B. M.

Epicorsia pandalis, *Hüb.* (*V.* 355, 1816).
Pyralis Verbascalis, *Hüb. Py.* t. 9, f. 59, 1796.
Botys Thapsalis, *Treit.* (*S.* vi. 2, 314, 1828).
Margaritia Thapsalis, *Step.* (*Cat.* ii. 165, 1829). *Step. H.* iv. 50, 1834.
♂. Pyralis angustalis, *Haw. L. B.* 379, 1812.
Margaritia angustalis, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 28, f. 816.
♀. Pyralis terminalis, *Haw. L. B.* 379, 1812.
Margaritia terminalis, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 28, f. 816.

b. HAPALIA.

Hapalia, *Hüb. V.* 355, 1816.

4. BOTYS HYALINALIS. The Scarce Pearl. B. M.

Pyralis hyalinalis, *Hüb. Py.* t. 11, f. 74, 1796.
Margaritia hyalinalis, *Step. H.* iv. 51, 1834. *Wood, I. E.* t. 48, f. 814.

5. BOTYS FLAVALIS. The Gold China Mark. B. M.

Pyralis flavalis, *Schiff.* (*W. V.* 121, 1776).
Margaritia flavalis, *Step. H.* iv. 52, 1834. *Wood, I. E.* t. 48, f. 819.

c. PERINEPHILA.

Perinephila, *Hüb. V.* 357, 1816.

6. BOTYS SILACEALIS. The Dingy Pearl.

Pyralis silacealis, *Hüb. Py.* t. 18, f. 116, 1796.
Pyralis glabralis, *Haw. L. B.* 380, 1812.
Margaritia glabralis, *Step. H.* iv. 52, 1834. *Wood, I. E.* t. 28, f. 817.

7. Botys lancealis. The Long-winged Pearl. B. M.
Pyralis lancealis, *Schiff.* (*W. V.* 121, 1776).
Margaritia lancealis, *Step. H.* iv. 48, 1834. *Wood, I. E.* t. 48, f. 809.
Pyralis elongalis, *Haw.* (*Pr.* 30, 1802).
Pyralis longalis, *Haw. L. B.* 379, 1812.
?. Pyralis glabralis, *Hub. Py.* t. 18, f. 117, 1796.

8. Botys fuscalis, The Cinereous Pearl. B. M.
Pyralis fuscalis, *Schiff.* (*W. V.* 121, 1776).
Margaritia fuscalis, *Step. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 827.
Pyralis cineralis, *Haw. L. B.* 380, 1812.
Var. *a.* Margaritia pulveralis, *Step.* (*Cat.* ii. 166, 1829). *Id. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 826.
Var. *b.* Margaritia fimbrialis, *Step.* (*Cat.* ii. 166, 1829). *Id. H.* iv. 56, 1834. *Wood, I. E.* t. 48, f. 828.

9. Botys Terrealis.* The Northern Pearl.
Botys Terrealis, *Treit. S.* vii. 110, 1829.
Pyralis Terrealis, *Frey. N. B.* v. 123, t. 456, 1845.
Scopula borealis, *Cur.* (*G.* 175, 1831).

342. EPICORSIA.

Epicorsia, *Hüb. V.* 355, 1816.
Spilodes, p., *Guén.—Doub.* (*List*, 14, 1850).

1 Epicorsia cinctalis. The Lesser Pearl. B. M.
Botys cinctalis, *Treit. S.* vii. 97, 1829.
Margaritia cinctalis, *Step. H.* iv. 49, 1834. *Wood, I. E.* t. 48, f. 812.
Pyralis limbalis, *Hüb. Py.* t. 11, f. 72, 1796.
Epicorsia Verticalis, *Hüb.* (*V.* 356, 1816).

343. SITOCHROA.

Sitochroa, *Hüb. V.* 356, 1816.
Spilodes, p., *Guén.—Doub.* (*List*, 14, 1850).

1. SITOCHROA PALEALIS. The Sulphur.

Pyralis palealis, *Schiff.* (*W. V.* 123, 1776).
Margaritia palealis, *Step. H.* iv. 50, 1834. *Wood, I. E.* t. 48, f. 813.

344. RIVULA.

Rivula, *Guén.—Dup. C.* 206, 1846.
Evergestis, p., *Hüb. V.* 354, 1816.

1. RIVULA SERICEALIS. The Straw-Dot. B. M.

Pyralis sericealis, *Schiff.* (*W. V.* 122, 1776).
Margaritia sericealis, *Step. H.* iv. 58, 1834. *Wood, I. E.* t. 29, f. 832.
Pyralis Lecana, *Fab. G. M.* 292, 1777.
Noctua munda, *Hüfn.*—(*Berl. M.* iii. 296, 1769).

Sub.-F. VI. SCOPULIDI.

Scopulidi, *Step. MSS.*
Scopulites, *Dup. C.* 203, 1846.

345. MESOGRAPHE.

Mesographe, *Hüb. V.* 354, 1816.
Pionea, p., *Guén.—Doub.* (*List*, 14, 1850).

1. MESOGRAPHE FORFICALIS. The Garden Pebble. B. M.

Phalæna-P. forficalis, *Linn. S. Nat.* i. 533, 1758.
Mesographe forficalis, *Step. H.* iv. 45, 1834. *Wood, I. E.* t. 29, f. 806.

346. EVERGESTIS.

Evergestis, *Hüb. V.* 354, 1816.
Pionea, *Guén.—Dup. C.* 203, 1846.

1. EVERGESTIS MARGARITALIS. The Clouded-yellow Pearl. B. M.

Pyralis margaritalis, *Schiff.* (*W. V.* 123, 1776).
Margaritia margaritalis, *Step. H.* iv. 57, 1834. *Wood, I. E.* t. 28, f. 831.

Phalæna extimalis, *Scop. C. No.* 614, 1763.
♀. Phalæna erucalis, *Hüb. Py.* t. 9, f. 55, 1796.

347. PIONEA.

Pionea, *Guén.—Dup. C.* 203, 1846.
Mesographe, p., *Hüb. V.* 354, 1816.

1. PIONEA STRAMENTALIS. The Checquered Straw. B. M.

Pyralis stramentalis, *Hüb.* (*V.* 354, 1816).
Margaritia stramentalis, *Step. H.* iv. 57, 1834. *Wood, I. E.* t. 28, f. 830.
Pyralis elutalis, *Hüb. Py.* t. 10, f. 62, 1796. *Haw. L. B.* 378, 1812.

348. SPILODES.

Spilodes, *Guén.—Doub.* (*List*, 14, 1850).
Uresiphita, p., *Hüb. V.* 353, 1816.

1. SPILODES STICTICALIS. The Diamond Spot. B. M.

Phalæna-P. sticticalis, *Linn. F.* ii. No. 1354, 1761.
Margaritia sticticalis, *Step. H.* iv. 59, 1834. *Wood, I. E.* t. 29, f. 834.
Pyralis fuscalis, *Hüb. Py.* t. 7, f. 45, 1796.
Pyralis tetragonalis, *Haw. L. B.* 385, 1812.

349. SCOPULA.

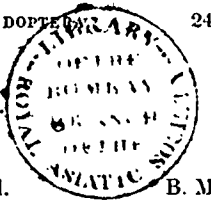
Scopula, *Schr. F. B.* ii. 2, 162, 1802.
Sarodria, *Sodoff.*—(*Bull. S. I. Mosc.* 18, 1837).

a. SCOPULA.

Scopula, *Schr. ut supra.*

1. SCOPULA ÆTIALIS. The Pale Straw. B. M.

Scopula Ætialis, *Guén.—Doub.* (*List*, 14, 1850).
Pyralis secalis, *Haw.* (*Pr.* 31, 1802).
Pyralis lutealis, *Haw. L. B.* 380, 1812.
Scopula institialis, *Cur.* (*G.* 175, 1831).
Margaritia institialis, *Step. H.* iv. 56, 1834. *Wood, I. E.* t. 28, f. 829.



b. EURESIPHITA.

Euresiphita, p., *Hüb.* *V.* 353, 1816.

2. SCOPULA OLIVALIS. The White-brindled. B. M.

Pyralis olivalis, *Schiff.* (*W. V.* 123, 1776).
Margaritia olivalis, *Step. H.* iv. 59, 1834. *Wood, I. E.* t. 29, f. 835.
Pyralis umbralis, *Hüb. Py.* t. 8, f. 52, 1796.
Pyralis nivealis, *Haw. L. B.* 385, 1812.

3. SCOPULA PRUNALIS. The Dusky Brindled. B. M.

Pyralis Prunalis, *Schiff.* (*W. V.* 121, 1776).
Margaritia Prunalis, *Step. H.* iv. 56, 1834. *Wood, I. E.* t. 29, f. 836.
Pyralis leucophealis, *Hüb.? Py.* t. 12, f. 77, 1796.
Pyralis nebulalis, *Haw. L. B.* 386, 1812.
Var. *a.*? Pyralis elutalis, *Schiff.?* (*W. V.* 121, 1776).
Pyralis albidalis, *Hüb.? Py.* t. 18, f. 118, 1796.

4. SCOPULA ALPINALIS. The Alpine Pearl.

Pyralis alpinalis, *Schiff.?* (*W. V.* 123, 1776).
Margaritia alpinalis, *Step. H.* iv. 50, 1834. *Wood, I. E.* t. 29, f. 833.
Scopula uliginosalis, *Cur.? MSS.*
Margaritia uliginosalis, *Step.* (*Cat.* ii. 166, 1829).

350. CYNÆDA.

Cynæda, *Hüb. V.* 346, 1816.
Odontia, *Dup. L. F.* x. 9, 1831.
Scopula, A., *Treit. S.* vii. 54, 1829.

1. CYNÆDA DENTALIS. The Starry Brindle.

Pyralis dentalis, *Schiff.* (*W. V.* 120, 1776).
Cynæda dentalis, *Step. H.* iv. 61, t. 33, f. 1, 1834.
Phalæna ramalis, *Fab. M. I.* ii. 220, 1787.
Noctua radiata, *Esp. S.* iv. (374), t. 126, *Noct.* 47, f. 2, 3, 1788—95.
Noctua fulminans, *Fab. E. S.* iii. 2, 104, 1794.

Sub-F. VII. ENNYCHIDI.

Ennychidi, *Step. MSS.*
Ennychites, *Dup. C.* 196, 1846.

351. RHODARIA.

Rhodaria, *Guén.—Dup. C.* 199, 1846.

1. RHODARIA SANGUINALIS. The Scarce Crimson and Gold.
Phalæna-Py. sanguinalis, *Linn. S. Nat.* ii. 882, 1767.
Pyralis sanguinalis, *Hüb. Py.* t. 6, f. 33, 1796.
Pyralis cruentalis, *Scrib. B.* i. 59, 1790.
Var. *a.* Pyralis hæmatalis, *Hüb. Py.* t. 28, f. 178, 1797.

352. PYRAUSTA.

Pyrausta, *Schr. F. B.* ii. 2, 163, 1802.

a. PORPHYRITES.

Porphyrites, *Hüb. V.* 349, 1816.

1. PYRAUSTA PURPURALIS. The Crimson and Gold. B. M.
Phalæna-Py. purpuralis, *Linn. S. Nat.* i. 534, 1758.
Pyrausta purpuralis, *Step. II.* iv. 35, 1834. *Wood, I. E.* t. 27, f. 793.
Pyralis punicealis, *Hüb. Py.* t. 6, f. 34, 1796.

2. PYRAUSTA OSTRINALIS. The Scarce Purple and Gold. B. M.
Pyralis ostrinalis, *Hüb. Py.* t. 17, f. 113, 1796.
Pyralis punicealis, *Haw. Lep. B.* 239, 1812.
Pyrausta punicealis, *Step. H.* iv. 36, 1834. *Wood, I. E.* t. 27, f. 795.

3. PYRAUSTA PUNICEALIS. The Purple and Gold. B M.
Pyralis punicealis, *Schiff.* (*W. V.* 317, 1776).
Phalæna punicalis, *Fab. E. S.* iii. 2, 239, 1794.
Pyralis porphyralis, *Hüb. Py.* t. 6, f. 36, 1796.
Pyrausta porphyrialis, *Step. H.* iv. 35, 1834. *Wood, I. E.* t. 27, f. 794.

b. LEIMONIĄ.

Leimonia, *Hüb. V.* 350, 1816.

4. PYRAUSTA CESPITALIS. The Straw Barred. B. M.
Pyralis cespitalis, *Schiff.* (*W. V.* 123, 1776).
Pyrausta cespitalis, *Step. H.* iv. 34, 1834. *Wood, I. E.* t. 27, f. 791.
Var. *a.* Pyralis sordidalis, *Hüb. Py.* t. 7, f. 40, 1796.
Pyrausta sordidalis, *Step. H.* iv. 34, 1834. *Wood, I. E.* t. 27, f. 792.

353. ENNYCHIA.

Ennychia, *Treit.* (*S.* vi. 2, 318, 1828). *Id.* vii. 195, 1829.
Pyrausta, *Hüb. V.* 351, 1816.

1. ENNYCHIA CINGULATA. The Silver-barred Sable. B. M.
Phalæna-G. cingulata, *Linn. S. Nat.* i. 529, 1758.
Ennychia cingulata, *Step. H.* iv. 32, 1834. *Wood, I. E.* t. 27, f. 788.

2. ENNYCHIA ANGUINALIS. The Wavy-barred Sable. B. M.
Pyralis anguinalis, *Hüb. Py.* t. 5, f. 32, 1796.
Ennychia anguinalis, *Step. H.* iv. 32, 1834. *Wood, I. E.* t. 27, f. 789.
Pyralis fascialis, *Schr. F. B.* ii. 65, 1802.

354. ANANIA.

Anania, *Hüb. V.* 360, 1816.
Ennychia, B., *Treit. S.* vii. 2, 200, 1829.

1. ANANIA OCTOMACULATA. The White Spot. B. M.
Phalæna-G. octomaculata, *Linn. M.* 540, 1771.
Anania octomaculata, *Step. H.* iv. 31, 1834. *Wood, I. E.* t. 25, f. 797.
Geometra funeraria, *Müll. Z. D. Pr.* 132, 1773.
Phalæna atralis, *Fab. S. E.* 645, 1775.
Pyralis guttalis, *Schiff.* (*W. V.* 194, 1776).
Noctua trigutta, *Esp. S.* iv. (564), t. 162, *Noct.* 84, f. 6, 1789—98.

Sub.-F. VIII. TORTRICIDI.

Tortricidi, *Step. MSS.*

355. SIMAETHIS.

Simaëthis, *Leach*, *E. E.* ix. 135, 1815.
Anthophila (Genus Hymenopt.), *Haw. L. B.* 471, 1812.
Choreutes, *Hüb. V.* 373, 1816.
Xylopoda, *Latr. F. N.* 476, 1825.

a. SIMAETHIS.

Simaëthis, *Leach*, *ut supra.*

1. SIMAETHIS FABRICIANA. The Nettle Tap. B. M.

Phalæna-To. Fabriciana, *Linn. S. Nat.* ii. 880, 1767.
Simaëthis Fabriciana, *Step. H.* iv. 29, 1834. *Wood, I. E.* t 27, f. 783.
Tortrix Urticana, *Schiff.* (*W. V.* 132, 1776).
Tortrix dentana, *Hüb. To.* t. 1, f. 4, 5, 1796.
Asopia alternalis, *Treit.* (*S.* vi. 2, 317, 1825). *Id.* vii. 160, 1829.
♀. Phalæna-Ti. Oxyacanthella, *Linn. S. Nat.* ii. 886, 1767.
Var. *a.* Anthophila dentana, *Haw. L. B.* 471, 1812.

2. SIMAETHIS PARIANA. The Double-barred Nettle-tap. B. M.

Phalæna-To. pariana, *Linn. F.* ii. No. 1341, 1761.
Simaëthis pariana, *Step. H.* iv. 29, 1834. *Wood, I. E.* t. 27, f. 784.
Var. *a.* Anthophila lutosa, *Haw. L. B.* 472, 1812.
Simaëthis lutosa, *Step. H.* iv. 29, 1834. *Wood, I. E.* t. 27, f. 785.

b. CHOREUTES.

Choreutes, *Guén. MSS.*

3. SIMAETHIS ANGUSTANA. The Silver-dotted Nettle-tap. B. M.

Tortrix angustana, *Hüb. To.* t. 32, f. 204, 1799?
Choreutes scintilimana, *Hüb.* (*V.* 373, 1816).
Pyralis Myllerana, *Fab.?—Haw. L. B.* 472, 1812.

Simaëthis Myllerana, *Cur. B. E.* vii. t. 320, 1830. *Step. H.* iv. 30, 1834.
Var. *a.* Anthophila punctosa, *Haw. L. B.* 472, 1812.
Simaëthis punctosa, *Step. H.* iv. 30, 1834. (Myllerana), *Wood, I. E.* t. 27, f. 786.

356. NOLA.

Nola, *Leach, E. E.* ix. 135, 1815.
Roeselia, *Hüb. V.* 397, 1816.

1. NOLA CRISTULALIS. The Least Black Arches.

Pyralis cristulalis, *Hüb. Py.* t. 3, f. 17, 1796.
Pyralis strigulalis, *Haw. L. B.* 387, 1812.
Nola strigulalis, *Step. H.* iv. 62, 1834. *Wood, I. E.* t. 29, f. 838.

2. NOLA STRIGULA. The Small Black Arches. B. M.

Noctua strigula, *Schiff.* (*W. V.* 69, 1776).
Pyralis monachalis, *Haw. L. B.* 387, 1812.
Nola monachalis, *Step. H.* iv. 62, 1834. *Wood, I. E.* t. 387, f. 839.

3. NOLA CUCULLATELLA. The Short Cloaked. B. M.

Phalæna-Ti. cucullatella, *Linn. S. Nat.* i. 537, 1758.
Nola cucullatella, *Step. H.* iv. 62, 1834. *Wood, I. E.* t. 29, f. 840.
Noctua palliola, *Schiff.* (*W. V.* 69, 1776).
Var. *a.* Nola fuliginalis, *Step.* (*Cat.* ii. 168, 1829).

REPUTED BRITISH LEPIDOPTERA.

NOTE.—In this list are included not only the *reputed* British species, but also all that have been erroneously considered as indigenous by the various writers on British Lepidoptera, either by false references, or from assuming species to be natives that are not so; the former are distinguished by a prefixed *, and the whole have the authorities for their introduction shown, between parentheses, with a ! annexed to the date thereof; their native habitats are also inserted.

Vide page 1.

Family I. PAPILIONIDÆ.

Genus 1. PAPILIO.

b. IPHICLIDES.

Iphiclides, *Hüb. V.* 82, 1816, 9.
Podalirius, *Swain. Z. I.* ii. *fo.* 105, 1833.

*2. PAPILIO PODALIRIUS. The Scarce Swallow Tail. B. M

Papilio Podalirius, *Linn. S. Nat.* ii. 751, 1767. *Step. H.* i. 6, *Note*, 1827. *West. & H. B.* t. 1, f. 4, 1840.
Podalirius Europæus, *Swain. Z. I.* ii. 105, 1833.
(*Berk. O.* i. 129, 1769!). Europe.

3. PAPILIO FEISTHAMELII.* The Dark Scarce Swallow Tail. B. M.

Papilio Feisthamelii, *Dup. Sup.* t. 1, f. 1, 1832.
Papilio Podalirius, *Cur. B. E.* xiii. t. 578, 1836.
Papilio Duponcheli, *West. & H.* (*B. App.* 137, 1841).
(*Cur. l. c.* 1836!) S. Europe and N. Africa.

Page 2.

Sub-F. II. RHODOCERIDI.

3. COLIAS.

a, a. EUREMA.

Eurema, *Hüb. V.* 96, 1816.

1 a. COLIAS PHILODOCE. The Clouded Sulphur. B. M.

Colias Philodoce, *Goda. E. M.* ix. 100, 1819.
Var.? *a.* Papilio Europome, *Haw. L. B.* 13, 1803.
Colias Europome, *Step. H.* i. 10, t. 1*, 1829.
Papilio Anthyale, *Hüb. Zu.* f. 307, 308, 1822?
Colias Philodoce, *Cur. B. E.* v. *fo.* 242, 1829.

(*Haw. l. c.* 1803!). N. America.

1 b. COLIAS PALÆNO. The Clouded White. B. M.

Papilio Palæno, *Linn. F.* ii. No. 1041, 1761. *Step. H.* i. 11, *note*, 1827. *Wood, I. E.* 243, t. 53, f. 2, 1836.
Papilio Europome, *Hüb. Pa.* t. 86, f. 434, 435.
Papilio Europome, var., *Bork. E. S.* ii. 214, 1788.

(*Mart. V. Mart. Brakes*, 1785!). N. Europe.

1 c. COLIAS EUROPOME.* The Clouded Sulphur.

Papilio Europome, *Esp. S.* i. 367, t. 42, *Sup.* 18, f. 2. (Var. præc.?).

(*Cur. B. E.* vi. *fo.* 242, 1829!). Alpine Europe.

Page 3.

a, b. COLOTIS.

1 d. COLIAS ELECTRA.* The Dark-clouded Yellow. B. M.

Papilio Electra, *Linn. S. Nat.* ii. 764, 1767.
Papilio Palæno, *Cram. K.* ii. t. 140, *A. B.* 1780.

(*Newm. E. M.* i. 85, 1832!). Cape of Good Hope.

1 e. COLIAS CHRYSOTHEME.* The Small-clouded Yellow. B. M.
Papilio Chrysotheme, *Esp. S.* i. b, 89, t. 65, *Cont.* 15, f. 3, 4, 1779.
(*Step. H.* i. 11, *Note*, 1827!). E. Europe.

1 f. COLIAS MYRMIDONE. The Clouded Orange. B. M.
Papilio Myrmidone, *Esp. S.* i. b, 88, t. 65, *Cont.* 15, f. 1, 2, 1779.
(*West. & H. B.* 130, 1841!). E. Europe.

Sub.-F. III. a. PARNASSIDI.

Parnassidi, *Step. MSS.*
Parnassidæ, *Dup. C.* 22, 1846.

3 a. PARNASSIUS.

Parnassius, *Latr. H.* iii. 395, 1802.
Pieris, A., *Schr. F. B.* ii. 1, 161, 1801.
Doritis, *Fab.—Ill. M.* vi. 283, 1807.
Parnassis, *Hüb. V.* 90, 1816.

*1. PARNASSIUS APOLLO. The Crimson-ringed. B. M.
Papilio Apollo, *Linn. S. Nat.* i. 465, 1758.
Doritis Apollo, *Step. H.* i. 25, *Note*, 1829.
Parnassius Apollo, *West. & H. B.* 12, t. 7, f. 1—4, 1840.
(*Haw. L. B.* xxix. 1803!). Alpine Europe.

2. PARNASSIUS MNEMOSYNE. The Clouded White. B. M.
Papilio Mnemosyne, *Linn. S. Nat.* i. 465, 1758. *Hüb. Pa.* t. 79, f. 398.
Doritis Mnemosyne, *Step. H.* i. 26, *Note*, 1827. *Wood, I. E.* 243, t. 53, f. 4, 1836.
(*Turt. Gm.* iii. 53, 1806!). Alpine Europe.

Page 3.

Sub.-F. III. PIERIDI.

4. APORIA.

b. MILOTHRIS.

Milothris, *Hüb. V.* 90, 1816.

2. APORIA ? MONUSTE. The Peregrine White. B. M.

Papilio Monuste, *Linn. S. Nat.* ii. 760 ? 1767.
Pontia Feronia, *Step. H.* i. 149, *Note*, 1828.
Var. *a.* Pieris Cleomes, *Bois. & L. Ic.* t. 16, f. 1—5, 1830.
(*Engram., Pap. d'Eur.* ii. 209, t. xlix. f. 102, 1780!). N. America.

Page 6.

Family II. NYMPHALIDÆ.

Sub-F. II. SATYRIDI.

9. LASIOMMATA.

3. LASIOMMATA MÆRA. The Large Wall. B. M.

Papilio Mæra, *Linn. S. Nat.* i. 473, 1758. *Hüb. Pa.* t. 39, f. 174, 175.
Hipparchia Mæra, *Step. H.* i. 54, *Note*, 1827. *Wood, I. E.* t. 53, f. 12.
(*Berk. O.* i. 131, 1769!). Europe.

Page 7.

10. HIPPARCHIA.

a, a. MINOIS.

Minois, *Hüb. V.* 57, 1816.

*1 a. HIPPARCHIA BRISEIS. The Large Grayling. B. M.

Papilio Briseis, *Linn. S. Nat.* ii. 770, 1767.
Hipparchia Briseis, *West. & H. B.* 69, t. 19, f. 1, 2, 1841.
Papilio Dædale, *Bork. E. S.* i. 67, 1788.
(*West. & H. l. c.* 1841!). Europe.

[B. M.

1 b. HIPPARCHIA PHÆDRA. The Purple-eyed Rock Underwing.

Papilio Phædra, *Linn. S. Nat.* ii. 773, 1767. *Hüb. Pa.* t. 28, f. 127—129.

Hipparchia Phædra, *Step. H.* i. 56, *Note*, 1827. *Wood, I. E.* t. 53, f. 13.

Papilio Athene, *Bork. E. S.* i. 71, 1788.

(*Turt. Gm.* iii. 33, 1806 !). Europe.

1 c. HIPPARCHIA HERMIONE. The Large Rock Underwing. B. M.

Papilio Hermione, *Linn. S. Nat.* ii. 773, 1767. *Hüb. Pa.* t. 27, f. 122—124.

Papilio Fagi, *Scop. C.* 151, 1763.

Var. *a*. Papilio Alcyone, *Schiff.* (*W. V.* 169, 1776).

Hipparchia Alcyone, *Step. H.* i. 56, *Note*, 1827. *Wood, I. E.* t. 53, f. 14.

(*Stew. E.* 2 ed. ii. 132, 1818 !). S. Europe.

Page 8.

12. EREBIA.

b. MELAMPIAS.

3 a. EREBIA MELAMPUS.* The Mountain Ringlet. B. M.

Papilio Melampus, *Fues. S. I.* 31, t. *adj.* f. 6, 1775.

Papilio Alcyone, *Bork.*? *E. S.* i. 96, 1788.

Papilio Ianthe, *Hüb.*? *Pa.* t. 122, f. 624—625.

(*Newm.—Zool.* 729, 1844 !). Swiss Alps.

3 b. EREBIA MNESTRA. The Alpine Ringlet. B. M.

Papilio Mnestra, *Esp. S.* 1, *Sup.* 18, t. 120, *Cont.* 75, f. 5, 6. 1800.

Hipparchia Mnestra, *Step. H.* i. 63, *Note*, 1827. *Wood, I. E.* t. 53, f. 15.

(*Step. H. l. c. Note*, 1827 !). Swiss Alps.

Page 9.

13. CŒNONYMPHA.

*1 a. Cœnonympha Hero. The Silver-bordered Ringlet. B. M.

Papilio Hero, *Linn. F.* ii. No. 1047, 1761.
Hipparchia Hero, *Step. H.* i. 68, *Note*, 1827. *Cur. B. E.* v. t. 205, 1829.
Papilio Sabæus, *Fab. S. E.* 530, 1775.

(*Haw. Ent. Tr.* i. 332, 1812 !). Northern France.

1 b. Cœnonympha Iphis. The Pale Silver-bordered Ringlet. B. M.

Papilio Iphis, *Schiff.* (*W. V.* 321, 1776).
Papilio Typhön, *Esp. S.* i. 341, t. 35, *Sup.* 11, f. 3, 4, 1779 ?
Papilio Hero, *Fab. E. S.* iii. 1, 122, 1793.
Maniola Manto, *Schr. F. B.* ii. 1, 180, 1801.

(*Step. H.* i. 64, *Note*, 1827 !). Eastern France.

*1 c. Cœnonympha Arcanius. The Clouded Ringlet. B. M.

Papilio Arcanius, *Linn. F.* ii. No. 1045, 1761.
Hipparchia Arcanius, *Step. H.* i. 69, *Note*, 1827. *Cur. B. E.* v. t. 205,* 1829.
Papilio Amyntas, *Scop. C.* No. 457, 1764.
Papilio Arcania, *Hüb. Pa.* t. 51, f. 240—2.

(*Turt. Gm.* iii. 27, 1806 !). Europe.

Page 10.

Sub.-F. II. NYMPHALIDI.

14. LIMENITIS.

2. Limenitis Camilla. The Dark White Admiral. B. M.

Papilio Camilla, *Fab. M. I.* ii. 55, 1785.
Papilio rivularis, *Scop. C.* 165, 1763.
Papilio Lucilla, *Esp. S.* i. 351, t. 38, f. 2, 1779.
Limenitis Sibylla, *Step. H.* i. 52, *Note*, 1827. *Wood, I. E.* t. 53, f. 11.

(*Stew. E.* ii. 127, 1802 !). Central and Southern Europe.

14 a. NYMPHALIS.

Nymphalis, *Bois.* (*I. M.* 14, 1829).

1. NYMPHALIS POPULI. The Orange Admiral. B. M.
   Papilio Populi, *Linn. S. Nat.* i. 476, 1758. *Hüb. Pa.* t. 23, f. 108—10.
   Limenitis Populi, *Step. H.* i. 51, *Note*, 1827. *Wood, I. E.* t. 53, f. 10.
Var. *a.* Papilio Tremulæ, *Esp. S.* i. *Sup.* 107, t. 94, f. 3, 4, 1800.
(*Martyn, V. M. art. Aspen.* 1785 !). N. Europe and Alps.

Page 11.

Sub-F. III. VANESSIDI.

16. CYNTHIA.

1 a. CYNTHIA HUNTERA. The Beautiful Painted Lady. B. M.
   Papilio Huntera, *Fab. S. E.* 499, 1775.
   Vanessa Huntera, *Wood, I. E.* t. 53, f. 8, 1836.
   Papilio Iole, *Cram. K.* i. t. 12, f. E. F., 1776.
(*Dale.—Loud. Mag. N. H.* iii. 332, 1830 !). N. America.

16 a. JUNONIA.

Junonia, *Hüb. V.* 34, 1816.

1. JUNONIA HAMPSTEDIENSIS. The Hampstead Eye. B. M
   Papilio Hampstediensis, *Pet. G.* t. 5, f. 4, 1703.
   Cynthia? Hampstediensis, *Step. H.* i. 48, *Note*, t. 3, f 3, 4. 1827.
   Papilio Vellida (Villida), *Fab.? M. I.* ii. 35, 1787.
   Vanessa Calybe, *Godt.? E. M.* ix. 317, 1819.
(*Pet. l. c.* 1703 !). Australasia

16 b. ARASCHNIA.

Araschnia, *Hüb. V.* 37, 1816.

1. ARASCHNIA LEVANA. The Least White Admiral. B. M.
Papilio Levana, *Linn. S. Nat.* i. 480, 1758.
Cynthia Levana, *Step. H.* i. 49, *Note*, 1827. *Wood, I. E.* t. 53, f. 9.
Var. *a.* Papilio Prorsa, *Linn. S. Nat.* i. 480, 1758.
(*Turt. Gm.* iii. 42, 1806 !). Europe.

Page 13—14.

Sub.-F. IV. ARGYNNIDI.

19. ARGYNNIS.

a. ARGYRONOME.

1 a. ARGYNNIS APHRODITE. The Large Fritillary. B. M.
Papilio Aphrodite, *Fab. E. S.* iii. 1, 144, 1793.
Argynnis Aphrodite, *West. & H. B.* t. xii. f. 4, 5, 1841.
(*Bree.—Charl. M.* iv. 131, 1839 !). N. America.

1 b. ARGYNNIS CYBELE. The Clouded Fritillary. B. M.
Papilio Cybele, *Fab. E. S.* iii. 1, 145, 1793.
Papilio Daphnis, *Cram. ? K.* v. 89, t 59, E. F., 1782.
Argynnis Aphrodite, *Bree.—Charl. M.* iv. 131, 1839.
(*Bree, l. c.* 1839 !). (Var. præc. ?). N. America.

b. ACIDALIA.

*3 a. ARGYNNIS NIOBE. The Buff-spotted Fritillary. B. M.
Papilio Niobe, *Linn. S. Nat.* i. 481, 1758. *Hüb. Pa.* t. 12, f. 61, 62.
Argynnis Niobe, *Step. H.* i. 37, *Note*, 1827. *Wood, I. E.* t. 53, f. 6, 1839.
(*Stev. E.* ii. 130, 1802 !). Subalpine Regions of Europe.

d. Argynnis.

*6a. Argynnis Dia. The Purple Fritillary. B. M.

Papilio Dia, *Linn. S. Nat.* ii. 785, 1767.
Melitæa Dia, *Step. H.* i. 34, 1827. *Id. H.* iv. 381, *Note*, 1835. *Wood, I. E.* t. 52, f. 83.
Papilio Dia minor, *Bork. E. S.* i. 16, 1788.

(*Stew. E.* ii. 129, 1802 !). Europe.

20. MELITÆA.

Page 15.

b. Cinclidia.

2a. Melitæa Parthenie. The Small Buff-spotted Fritillary. [B. M.

Papilio Parthenie, *Bork. E. S.* i. 53, 1788.
Papilio Dictynna, *Fab. M.* ii. 59, 1787 (*non Esp.*).
Papilio Athalia, *Hüb. Pa.* t. 4, f. 19, 20.

(*Lew. B. B.* 32, 1795 !). Russia.

c. Melitæa.

2b. Melitæa Maturna. The Beautiful Fritillary. B. M.

Papilio Maturna, *Linn. S. Nat.* i. 480, 1758.
Melitæa Maturna, *Step. H.* i. 33, *Note*, 1827. *Wood, I. E.* t. 53, f. 5.
Papilio Cynthia, *Esp. S.* i. 347, t. 36, *Supp.* 13, 1777.
Papilio Agrotera, *Berg. N.* 75, 1779.
Var. *a.* Papilio Mysia, *Hüb. Pa.* t. 1, f. 3, 1796.

(*Bork. O.* i. 134, 1769 !). Europe.

d. Phyciodes.

Phyciodes, *Hüb. V.* 29, 1816.

4. MELITÆA THAROS.* The Bordered Fritillary. B. M.

Papilio Tharos, *Cram. K.* ii. 112, p. 169, 1779? *Drury. I.* i. t. 21, f. 5, 6, 1770.
Phycioides Cocyta, *Hüb.* (*V.* No. 232, 1816).
Argynnis Tharossa, *Goda. E. M.* ix. 289, 1819. *Step. H.* i. 150, *Note*, 1828.

(*Engram. Pap. d'Eur.* i. 66, t. xviii. f..30, 1779!). New York.

Page 16.

Fam. IV. LYCÆNIDÆ.

22. THECLA.

a. STRYMON.

1 a. THECLA TITUS.* The Dingy Hairstreak.

Hesperia Titus, *Fab. E. S.* iii. 1, 297, 1793.
Polyommatus Titus, *Step. H.* i. 75, *Note*, 1828.
Strymon Mopsus, *Hüb. Zut.* t. 135, 136.

(*Fab. l. c.* 1793!). N. America.

*3 a. THECLA SPINI. The Pale-brown Hairstreak. B. M.

Papilio Spini? *Haw.—Ent. Tr.* i. 334, 1812.
Thecla Spini? *Step. H.* i. 70, *Note*, 1828. *Wood, I. E.* t. 2, f. 53, 1832.
Hesperia Spini, *Fab.? E. S.* iii. 1, 278, 1793.
Papilio Lynceus, *Esp.? S.* i. 356, t. 39, *Sup.* 15, f. 3, 1777.

(*Haw. l. c.* 1812!). S. Europe.

*3 b. THECLA ILICIS. The Uniform Hairstreak. B. M.

Papilio Ilicis, *Esp. S.* i. 353, t. 39, *Sup.* 15, f. 1, 1777.
Hesperia Lynceus, *Fab. E. S.* iii. 1, 279, 1793.
Thecla Ilicis, *West. & H. B.* 90, t. 27, f. 6—8, 1841.

(*West. & H. B. l. c.* 1841!). Europe.

Page 18.

24. POLYOMMATUS.

b. NOMIADES.

4 a. POLYOMMATUS ALCON. The Pale Large Blue. B. M.

Papilio Alcon, *Schiff.* (*W. V.* 182, 1776).
Papilio Arcas, *Esp. S.* i. 338, t. 34, *Sup.* x. f. 4, 5, 1778.
Papilio Diomedes, *Bork. E. S.* i. 169, 1788.
Hesperia Argiades, *Fab. E. S.* iii. 1, 300, 1793.

(*Stgn. H.* i. 88, 1828!). Europe.

Page 19.

c. AGRIADES.

*6 a. POLYOMMATUS DORYLAS. The White-bordered Blue. B. M.

Papilio Dorylas, *Schiff.* (*W. V.* 322, 1776).
♂. Papilio Hylas, *Esp. S.* i. 375, t. 45, *Sup.* xxi. f. 3, 1778.
♀. Papilio Thetis, *Esp. S.* i. 335, t. 33, *Sup.* ix. f. 3, 1778.

(*Leach, E. E.* ix. 129, 1815!). Alpine S. Europe.

*6 b. POLYOMMATUS ICARIUS. The Black-bordered Blue. B. M.

Papilio Icarius, *Esp. S.* i. *Sup.* 35, t. 99, *Cont.* liv. f. 4, 1792?
Papilio Amandus, *Hüb. Pa.* t. 59, f. 283—85.
Polyommatus Agathon, *Goda. E. M.* ix. 470, 1821?

(*Haw.—Ent. Tr.* 334, 1812!). Europe.

*6 c. POLYOMMATUS EROS. The Pale Blue. B. M.

Lycæna Eros, *Och. E. S.* i. 2, 42, 1808.
Papilio Tithonus, *Hüb. Pa.* t. 108, f. 555, 556.

(*Haw.—Ent. Tr.* . 334, 1812!). Europe.

Page 20.

d. LYCÆIDES.

7 a. POLYOMMATUS ARGUS. The Large Argus. B. M.

Papilio Argus, *Linn.? S. Nat.* i. 483, 1758.

♀. Papilio Idas, *Linn. F.* ii. No. 1075, 1761.
Var. *a.* Papilio Argiades, *Esp. S.* i. *Sup.* 49, t. 101, *Cont.* lvi. f. 5, 1792?
Papilio Argyrognomon, *Bork. E. S.* i. 152, 1788.
Var. *b.* Hesperia Acreon, *Fab. M.* ii. 76, 1787.
Papilio Leodorus, *Esp. S.* i. 137, t. 80, *Cont.* 30, f. 1, 2, 1778.
Lycæna Calliopis, *Bois. Icon.—Bois.* (*C.* 11, 1840).
(*Berk. O.* i. 135, 1769!). Europe.

Page 21.

Fam. V. HESPERIDÆ.

25. PYRGUS?

1 a. Pyrgus? Oileus. The Georgian Grizzle.
Papilio Oileus, *Linn.? S. Nat.* ii. 1768.
Thymele Oileus, *Step. H.* i. 99, *Note*, 1828.
(*Haw.—Ent. Tr.* i. 334, 1812!). Georgia.

b. Carcharodus.

Carcharodus, *Hüb. V.* 110, 1816.
Spilothyrus, *Dup. C.* 37, 1846.

1 b. Pyrgus Malvarum. The Large Grizzle. B. M.
Hesperia Malvarum, *Och. E. S.* i. 2, 195, 1808.
Papilio Malvæ, *Linn.?—Don. B. I.* xvi. 71, t. 567, 1813.
Hesperia Malvæ, *Fab. E. S.* iii. 1, 350, 1793.
Thymele Malvæ, *Step. H.* i. 98, *Note*, 1828.
Var. *a.* Papilio Alceæ, *Esp. S.* i. 4, t. 51, *Cont.* 1, f. 3, 1778.
(*Stew. E.* ii. 133, 1802!). Central and S. Europe.

Page 22.

27. CYCLOPIDES.

2. Cyclopides Sylvius. The Pale Chequered Skipper. B. M.
Hesperia Sylvius, *Knoch. B.* i. 71, 1781.
Pamphila Sylvius, *Step. H.* i. 100, *Note*, 1828.

Papilio Sylvius, *Hüb. Pa.* t. 94, f. 477, 478.
Steropes Paniscus, var., *Bois. I. M.* 2 ed. 34, 1840.
(*Step. l. c. Note*, 1828!). Germany.

Page 22—23.

28. PAMPHILA.

b. AUGIADES.

*5. PAMPHILA VITELLIUS. The Bordered Skipper. B. M.
Hesperia Vitellius, *Fab.?* *E. S.* iii. 1, 327, 1793.
Pamphila Vitellius, *Step. H.* i. 103, *Note*, 1828.
♀ ? Pamphila Bucephalus, *Step. H.* i. 102, t. 10, f. 2, 1828.
(*Haw.—Ent. Tr.* i. 334, 1812!). N. America.

Page 24.

§ HETEROCERA.

Div. I. LEPIDOPTERA CREPUSCULARIA.

Fam. I. ZYGÆNIDÆ.

30. ANTHROCERA.

a, a. MESEMBRYNUS.

Mesembrynus, *Hüb. V.* 119, 1816.

1 a. ANTHROCERA SCABIOSÆ. The Triple-spotted Burnet. B. M.
Sphinx Scabiosæ, *Hüb. Sp.* t. 18, f. 86, 1796.
Anthrocera Scabiosæ, *Step. H.* i. 108, *Note*, 1828. *Wood, I. E.* t. 53, f. 20.
Zygæna Pythia, *Rossi. F.* ii. 166, 1790.
Zygæna minos, *Schr. F. B.* iii. 240, 1798.
Zygæna Triptolemus, *Frey. N. B.* i. 28, t. 14, f. 4, 1833.
(*Haw. L. B.* 74, 1803!). Europe.

1 b. ANTHROCERA MELILOTI. The Pale Five-spot Burnet. B. M.

Sphinx Meliloti, *Esp.*? *S.* ii. *Sup.* t. 39, *Cont.* 14, f. 1—8, 1806?

Sphinx Loniceræ, var., *Esp. S.* ii. 195, t. 25, *Sup.* 7, f. 3, 1780?

Zygæna Viciæ, *Bork.—Rhein. M.* i. 638, 1793.

Sphinx Loti, *Hüb. Sp.* t. 17, f. 82, 1796.

(*Step. H.* i. 107, 1828!). Germany and Northern France.

a, b. LYCASTES.

Lycastes, *Hüb. V.* 118, 1816.

1 c. ANTHROCERA LOTI. The Large Five-spot Burnet. B. M.

Zygæna Loti, *Fab. S. E.* iii. 1, 387, 1793.

Sphinx Achilleæ, *Esp. S.* ii. 189, t. 25, *Sup.* 7, f. 1, 2, 1780?

Zygæna fulvia, *Fab. G. M.* 275, 1776.

(*Haw. L. B.* 74, 1803!). Europe.

a. THERMOPHILA.

[B. M.

*3 a. ANTHROCERA HIPPOCREPIDIS. The Scarce Six-spot Burnet.

Zygæna Hippocrepidis, *Och. S.* ii. 63, 1838. *Step. H.* i. 110, 1828.

Sphinx Loti, *Esp. S.* ii. 224, t. 35, *Cont.* x. f. 1, 1780?

Var. *a.* Sphinx Hippocrepidis, *Hüb. Sp.* t. 17, f. 83, 1796.

(*Step. l. c.* 1828!). Central France.

3 b. ANTHROCERA PUCEDANI. The Red-belted Burnet. B. M.

Sphinx Pucedani, *Esp. S.* ii. 191, t. 25, *Sup.* 7, f. 2, 1780?

Anthrocera Pucedani, *Step. H.* iv. 383, 1835. *Wood, I. E.* t. 53, f. 21.

Zygæna Filipendulæ, var., *Fab. E. S.* iii. 1, 286, 1795.

♀. Sphinx Æcus, *Hüb. Sp.* t. 4, f. 22, 1796.

(*Wilkes, B. B.* 45, t. 91, 1773!). Central Europe.

Page 25.

Fam. II. SPHINGIDÆ.

33. SPHINX.

a, a. PHLEGETHONTIUS.

Phlegethontius, *Hüb.* (*V.* 140, 1816).

*1 a. SPHINX CAROLINA. Tobacco Hawk Moth. B. M.

Sphinx Carolina, *Linn. S. Nat.* ii. 798, 1767. *Step. H.* i. 118, *Note*, 1828. *Cur. B. E.* vi. t. 195, 1828.

(*Don. B. I.* xi. 2, 1806!). N. America.

[B. M.

*1 b. SPHINX QUINQUEMACULATUS. The Five-spotted Unicorn.

Sphinx quinquemaculatus, *Haw. L. B.* 59, 1802. *Step. H.* i. 119, *Note*, 1828.

Sphinx Carolina, *Don. B. I.* xi. i. t. 361, 1806.

(*Don. l. c.* 1806!).

Page 27.

a. AGRIUS.

*1 c. SPHINX CINGULATA. The Pink-belted Hawk Moth. B. M.

Sphinx cingulata, *Fab. E. S.* iii. 1, 375, 1795.

Sphinx Convolvuli, var., *Smith & A.* i. t. 32, 1797.

Sphinx Druræi, *Don. B. I.* xiv. 1, t. 489, 1809. *Step. H.* i. 119, *Note*, 1829.

(*Don. l. c.* 1809!). N. America.

c. HYLOICUS.

3 a. SPHINX PLEBEIA. The Clouded Hawk Moth. B. M.

Sphinx plebeia, *Fab. G. M.* 273, 1777. *Step. H.* i. 122, *Note*, 1828. *Wood, I. E.* t. 53, f. 25.

(*Step. l. c.* 1828!). N. America.

3 b. SPHINX PŒCILA.* The Spotted Hawk Moth.

Sphinx pœcila, *Step. H.* i. 122, 1828. *Wood, I. E.* t. 53, f. 25, 1832.

(*Step. l. c.* 1828!). N. America?

Page 27—28.

34. DEILEPHILA.

b. PHRYXUS.

*4. DEILEPHILA LINEATA. The Pale-lined Hawk Moth. B. M.
Sphinx lineata, *Fab. S. E.* 541, 1775. *Don. B. I.* vi. t. 204. f. 1, 1797.
Sphinx Daucus, *Cram. K.* ii. t. 125, 1775.
Deilephila Daucus, *Step. H.* i. 126, *Note*, 1828.
(*Don. l. c.* 1797!). N. America.

35. CHÆROCAMPA.

a. HIPPOTION.

1 a. CHÆROCAMPA ARGENTATA. The Silver-washed Hawk Moth. [B. M.?
Sphinx argentata, *Haw.—Ent. Tr.* i. 334, 1812.
Deilephila argentata, *Step. H.* i. 130, 1828. *Wood, I. E.* t. 53, f. 28.
(*Haw. l. c.* 1812!). Australasia?

Page 29—30.

Fam. III. SESIIDÆ.

38. SESIA.

*3. SESIA? THYSBE. The Large-bordered Bee. B. M.
Sesia Thysbe, *Fab. S. E.* 548, 1775
Sesia Thysbe, *Step. H.* v. 384, 1835. *Wood, I. E.* t. 53, f. 29, 1839.
Sesia Cimbiciformis, *Step. H.* i. 135, 1828.
(*Step. H.* i. 135, 1828!). N. America.

Page 31.

Fam. IV. ÆGERIIDÆ.

40. TROCHILIUM.

a, a. PYROPTERON.

Pyropteron, *Newm.—Ent. Mag.* i. 75, 1832.

1 a. TROCHILIUM CHRYSIDIFORME. The Fiery Clearwing. B. M.

Sphinx Chrysidiformis, *Esp. S.* ii. 210, t. 30, *Cont.* 5, f. 2, 1780 ?
Trochilium Chrysidiforme, *West. & H. M.* i. 36, t. 7, f. 4, 1842.
Sphinx hæmorrhoidalis, *Cyr. E. N.* i. t. 4, f. 3, 1787.
Sesia Crabroniformis, *Fab. E. S.* iii. 1, 383, 1795.
Sphinx bicinctus, *Haw.* (*Pr.* 6, 1802).

(*Haw. l. c.* 1802 !). S. Europe.

Page 32.

d. TROCHILIUM.

[B. M.

5 a. TROCHILIUM MUSCÆFORME.* The Yellow-ringed Clearwing.

Sphinx Muscæformis, *Esp. S.* ii. 217, t. 32, *Cont.* 7, f. 5, 6, 1780 ? *Newm.—Ent. Mag.* i. 79, 1833.
Sesia Philanthiformis, *Lasp.? S.* 31, f. 25, 26, 1801.
Trochilium Philanthiforme, *West. & H. M.* i. 36, t. 7, f. 8, 1842.

(*Newm. l. c.* 1833 !). S. Europe.

Page 33.

e. CONOPIA.

7 a. TROCHILIUM STOMOXYFORME.* The Striped Red-belt.

Sphinx Stomoxyformis, *Hüb. Sp.* t. 7, f. 47, 1796.
Trochilium Stomoxyforme, *West. & H. M.* i. 38, t. 7, f. 13, 1842.
Sphinx Culiciformis, *Scop. C.* 188, 1764.

(*Haw.—Ent. Tr.* i. 334, 1812 !). S. Europe.

Page 34—35.

Div. II. LEPIDOPTERA NOCTURNA.

Sub-Div. I. LEPIDOPTERA POMERIDIANA.

Fam. I. HEPIALIDÆ.

41. HEPIALUS.

c. PHARMACIS

4 a. HEPIALUS CARNUS.* The Alpine Swift. B. M.

Bombyx carna, *Schiff.* (*W. V.* 310, 1776). *Fab. M. I.* ii. 134, 1787. *Hüb. Bo.* t. 50, f. 214, 1798?

♀. Bombyx Jodutta, *Schiff.* (*W. V.* 61, 1776). *Hüb. Bo.* t. 50, t. 213, 1798?

(*Step. H.* ii. 7, 1828!). Alps.

Page 37.

Fam. II. NOTODONTIDÆ.

Sub-F. I. PYGÆRIDI.

46. CLOSTERA.

1 a. CLOSTERA ANASTOMOSIS. The Large Chocolate-tip. B. M.

Phalæna-B. anastomosis, *Linn. S. Nat.* i. 506, 1758.

Clostera anastomosis, *Step. H.* ii. 13, *Note*, 1828. *West. & H. M.* i. 64, t. 13, f. 6, 7, 1842.

(*Don. B. I.* iv. 33, 1797!). N. Europe.

Page 38.

Sub-F. II. DICRANURIDI.

47. CERURA.

a. HARPYIAS.

3 a. CERURA FUSCINULA.* The Dusky Kitten. B. M.

Bombyx fuscinula, *Hüb. Bo.* t. 10, f. 37, 1796.
Cerura bifida, var., *Och. E. S.* iii. 31, 1810.
Cerura forficula, *Fischer ? E. R.* i. 62, t. 3, f. 1 ? 1820.

(*Step. H.* ii. 18, 1828!). Russia.

Page 39.

b. HARPYIA.

4 a. CERURA ERMINEA. The Pale Puss. B. M.

Bombyx Erminea, *Esp. S.* iii. 100, t. 19, f. 1, 2, 1783?
Cerura Erminea, *Step. H.* ii. 20, *Note*, 1828. *West. & H. M.* i. 78, t. 15, f. 14, 15, 1842.

(*Step. l. c.* 1828!). S. Europe.

Page 40.

Sub-F. III. NOTODONTIDI.

49. NOTODONTA.

*2 a. NOTODONTA TORVA. The Large Dark Prominent. B. M.

Bombyx Torva, *Hüb. S. text.* 108, 1800?
Bombyx Tritophus, *Esp. S.* iii. 299, t. 60, f. 1—3, 1785?
Phalæna-B. Dodonea, *Bork.? E. S.* iii. 402, 1790.

(*Cur. G. Col.* 2 ed. 176, 1837!). Central Europe.

Page 42.

54. DRYMONIA.

1 a. DRYMONIA QUERNA.* The Dark Marbled Brown. B. M.

Bombyx Querna, *Schiff.* (*W. V.* 49, 1776).
Chaonia Querna, *Step. H.* ii. 31, 1828.
Drymonia Querna, *West. & H. M.* i. 72, t. 14, f. 16, 17, 1842.

(*Haw. L. B.* 104, 1803!). Western France.

Page 44.

Sub.-F. IV. ENDROMIDI.

59 a. AGLIA.

Aglia, *Och. E. S.* iii. 11, 1810.
Tachyptera, *Germ. Pr.* 10, 1811.

*1. Aglia Tau. The Tau Emperor. B. M.

Phalæna Tau, *Linn. S. Nat.* i. 497, 1758.
Aglia Tau, *Step. H.* ii. 37, *Note*, 1828. *Wood, I. E.* t. 53, f. 32, 1839.

(*Martyn, V. M. Art. Birch.* 1785!). Europe.

Fam. III. BOMBYCIDÆ.

Sub-F. II. BOMBYCIDI.

61 a. PERIPHOBA.

Periphoba, *Hüb. V.* 187, 1816.
Crateronyx, *Dup. C.* 77, 1846.

1. Periphoba Dumeti.* The Eggar Likeness. B. M.

Phalæna-B. Dumeti, *Linn. F.* ii. No. 1107, 1764.
Lasiocampa Dumeti, *Step. H.* ii. 41, *Note*, 1828. *West. & H. M.* i. 59, t. 11, f. 14, 1842.

(*Turt. Gm.* iii. 202, 1806!). Central Europe

64 a. THAUMATOPOEA.

Thaumatopoëa, *Hüb. V.* 185, 1816.
Cnethocampa, *Step. H.* ii. 36, 1828.

1. Thaumatopoea Processionea. The Processionary Moth. B. M.

Phalæna-B. Processionea, *Linn. S. Nat.* i. 500, 1758.
Cnethocampa Processionea, *Step. H.* ii. 47, *Note*, 1828. *Wood, I. E.* t. 53, f. 34, 1839.

(*Martyn, V. M. Art. Oak.* 1785!). Europe.

*2. THAUMATOPOEA PITYOCAMPA. The Pine Moth. B. M.

Bombyx Pityocampa, *Schiff.* (*W. V.* 58, 1776).
Cnethocampa Pityocampa, *Step. H.* ii. 48, 1828. *West. & H. M.* i. 53, t. 10, f. 5, 6, 1841.

(*Step. H.* ii. 48, 1828 !). Europe.

Page 48.

Sub-F. III. LASIOCAMPIDI.

68. GASTROPACHA.

2. GASTROPACHA ILICIFOLIA. The Small Lappet. B. M.

Phalæna-B. Ilicifolia, *Linn. S. Nat.* i. 497, 1758.
Gastropacha Ilicifolia, *Step. H.* ii. 53, 1828. *West. & H. M.* i. 61, t. 12, f. 7, 8, 1842.

(*Turt. Gm.* iii. 199, 1806 !). Central Europe.

3. GASTROPACHA POPULIFOLIA.* The Poplar Lappet. B. M.

Bombyx Populifolia, *Schiff.* (*W. V.* 310, 1776).
Gastropacha Populifolia, *Step. H.* ii. 53, *Note*, 1828. *West. & H. M.* i. 61, t. 12, f. 9, 10, 1842.

(*Martyn, V. M. Art. Willow.* 1785 !). Central Europe.

68 a. BOMBYX.

Bombyx, *Auctorum.*
Sericaria, *Latr.?* (*F. N.* 474, 1825).

1. BOMBYX MORI. The Silkworm Moth. B. M.

Phalæna-B. Mori, *Linn. S. Nat.* i. 499, 1758.
Bombyx Mori, *Step. H.* iv. 385, 1835. *Wood, I. E.* t. 54, f. 37.
The Silkworm Moth, *Alb. B. I.* t. 12, f. 16, 1720.

(*Albin. l. c.* 1720 !). India.

Page 49—51.

Fam. IV. ARCTIIDÆ.

Sub-F. I. LIPARIDI.

76. STILPNOTIA?

2. STILPNOTIA? DENUDATA. The Clouded Satin. B. M.

Bombyx denudatus, *Haw.—Ent. Tr.* i. 335, 1812.

(*Haw. l. c.* 1812 !). S. America.

76 a. TRICHETRA.

Trichetra, *West. G.* 92, 1840.
Arcturus (Genus Crustac.), *Cur. B. E.* 336, 1831.
Trichiocercus (Genus Infus.), *Step. H.* iv. 386, 1835.

1. TRICHETRA SPARSHALII.* The Local Long-tailed Satin. B. M.
Arcturus Sparshali, *Cur. B. E.* vii. t. 336, 1831. *Step. H.* iv. 386, 1835.
(*Curtis, l. c.* 1831 !). Australia.

Page 52.

Sub-F. II. CHELONIDI.

78. HYPERCOMPA.

b. EUPHAGIA.

Euphagia, *Hüb. V.* 180, 1816.
Callimorpha, *Bois. I. M.* 2 ed. 61, 1840.

1. HYPERCOMPA HERA. The Streaked Scarlet Tiger. B. M.
Phalæna-B. Hera, *Linn. S. Nat.* ii. 834, 1767.
Bombyx Hera, *Hüb. Bo.* t. 27, f. 116, 1800?
(*Doub. List*, 6, *Col.* 2, 1848!). Guernsey, &c.

Page 53.

80. ARCTIA.

a, a. PERICALLIA.

Pericallia, *Hüb. V.* 182, 1816.

1 a. ARCTIA MATRONULA.* The Large Tiger. B. M.
Phalæna-B. Matronula, *Linn. S. Nat.* i. 509, 1758.
Arctia Matronula, *Step. H.* iii. 70, *Note*, 1828. *Wood, I. E.* t. 54, f. 38.
Bombyx Matrona, *Hüb. Bo.* t. 55, f. 239, ♂, t. 32, f. 138, ♀.
(*Turt. Gm.* iii. 222, 1806!). Eastern Europe.

c. EUCHARIA.

Eucharia, *Hüb. V.* 181, 1816.

3. ARCTIA HEBE. The Clouded Tiger. B. M.

Phalæna-B. Hebe, *Linn. S. Nat.* ii. 820, 1767.
Arctia Hebe, *Step. H.* ii. 71, *Note*, 1828. *Wood, I. E.* t. 54, f. 39.
Bombyx Hebe, *Hüb. Bo.* t. 30, f. 129, ♂, 1800?
(*Step. H.* ii. 71, 1828!). Central and S. Europe.

d. RHYPARIA.

Rhyparia, *Hüb. V.* 183, 1816.

4. ARCTIA PURPUREA. The Purple Tiger. B. M.

Phalæna-B. purpurea, *Linn. S. Nat.* ii. 828, 1767.
Arctia purpurea, *Step. H.* ii. 71, *Note*, 1828. *Wood, I. E.* t. 54, f. 40.
Bombyx purpurea, *Hüb. Bo.* t. 53, f. 142, ♀, t. 53, f. 229, ♂.
Phalæna-B. purpurata, *Linn. S. Nat.* i. 504, 1758.
(*Martyn, V. M. Arts Crowfoot, Currant*, 1785!). France, &c.

e. HYPHORAIA.

Hyphoraïa, *Hüb. V.* 182, 1816.

5. ARCTIA AULICA. The Small Tiger. B. M.

Phalæna-B. Aulica, *Linn. S. Nat.* i. 504, 1758.
Arctia Aulica, *Step. H.* ii. 71, *Note*, 1828. *Wood, I. E.* t. 53, f. 41.
Bombyx Aulica, *Hüb. Bo.* t. 32, f. 139, ♂, 1800?
(*Martyn, V. M. Arts Angelica, Grasses, &c.* 1758!). Eastern Europe.

Page 55.

84 a. PENTHOPHERA.

Penthophera, *Germ. Pr.* 33, 1811.

a. Ocneria.

Ocneria, *Hüb. V.* 158, 1816.

1. Penthophera rubea. The Red Muslin. B. M.
Bombyx rubea, *Schiff.* (*W. V.* 51, 1776).
Penthophera rubea, *Step. H.* ii. 79, 1828.
Bombyx rubea, *Hüb. Bo.* t. 56, f. 240, ♂, t. 16, f. 60, 61, ♀.
(*Sam. C.* 247, 1818!). Austria, &c.

b. Liparis.

Liparis, *Hüb. V.* 158, 1816.

2. Penthophera Morio.* The Black Muslin. B. M.
Phalæna-B. Morio, *Linn. S. Nat.* ii. 828, 1767. *Hüb. Bo.* t. 16, f. 57.
(*Cur. B. E. v. fo.* 213, 1828!). Austria.

Page 55.

Sub.-F. III. PSYCHIDI.

85. STERRHOPTERIX.

3. Sterrhopterix? Febretta.* The Dusky Chimney Sweep.
Psyche Febretta, *Fonsc.—Ann. Ent. S. Fr.* iv. 107, t. 1, f. 8—10, 1835.
(*Step. l. c. supra*, 1850!). S. of France.

85 b. THYRIDOPTERYX.

Thyridopteryx, *Step.—Ent. Tr.* i. 76, 1835.
Sphinx, p. *Haw. L. B.* 72, 1803.

1. Thyridopteryx plumifera? The Peregrine Chimney Sweep.
Psyche plumifera, *Och.? E. S.* iv. 176, 1810.
Thyridopteryx plumifera? *Step. H.* iv. 387, 1835, 1. *Id. Tr. Ent. S.* i. 76, t. 10, f. 1, 1835, 4.
Tinea fenestrella, *Haw.* (*Pr.* 35, 1802).

Sphinx Ephemeræformis, *Haw. L. B.* 72, 1803.
Ægeria? Ephemeræformis, *Step. H.* i. 145, 1828.
(*Ex. Mus. D. Donovan*). N.? America.

85 c. PHALACROPTERIX.

Phalacropterix, *Hüb. V.* 399, 1816.

1. PHALACROPTERIX MUSCELLA.* The Stout Chimney Sweep.
Tinea muscella, *Hüb. Ti.* t. 2, f. 8, 1796.
Bombyx atra, *Esp. S.* iii. 230, t. 44, f. 7, 1782.
Tinea graminella, *View. Ti.* f. 68, 1789.
(*Haw. L. B.* 474, 1812!). S. Europe.

2. PHALACROPTERIX PLUMISTRELLA.* The Feathered Chimney [Sweep.
Tinea plumistrella, *Hüb. Ti.* t. 31, f. 213, 1797.
(*Haw. L. B.* 474, 1812!). Europe.

Page 56.

87. FUMEA.

a. EPICHNOPTERIX.

Echinopterix, *Hüb. V.* 399, 1816.

1 a. FUMEA PLUMELLA.* The Lesser Chimney Sweep. B. M.
Tinea plumella, *Schiff.* (*W. V.* 133, 1776). *Hüb. Ti.* t. 1, f. 7, 1796.
Bombyx pulla, *Esp. S.* iii. 232, t. xliv. f. 8, 1782.
(*Haw. L. B.* 474, 1812!). S. Europe.

1 b. FUMEA PECTINELLA.* The Light Chimney Sweep.
Tinea pectinella, *Schiff.* (*W. V.* 133, 1776). *Hüb. Ti.* t. 1, f. 5, 1796.
(*Haw. L. B.* 474, 1812!). France.

1 c. FUMEA BOMBYCELLA.* The Drab Chimney Sweep.
Tinea Bombycella, *Schiff.* (*W. V.* 133, 1776). *Hüb. Ti.* t. 1, f. 4, 1796.
Psyche Bombycella, *West. & H. M.* i. t. 16, f. 10, 1842.
Bombyx Bombella, *Fab. M. I.* ii. 132, 1787.
(*Step. H.* ii. 83, 1829!). S. Europe.

Page 59—61.

Sub.-Div. II. LEPIDOPTERA NOCTURNA.

Fam. I. LITHOSIIDÆ.

95. LITHOSIA.

b. PELOSIA.

3 a. LITHOSIA DEPRESSA.* The Buff Footman. B. M.
Noctua depressa, *Esp. S.* iv. 98, t. 14, f. 3, 1787.
Bombyx ochreata, *Hüb. Bo.* t. 23, f. 96, 1798.
(*Step. H.* ii. 96, 1829!). Austria.

Page 63.

99. ENDROSA.

2. ENDROSA ROSCIDA.* The Pale Dew Moth. B. M.
Noctua roscida, *Schiff.* (*W. V.* 68, 1776).
Bombyx roscida, *Hüb. Bo.* t. 25, f. 106, 107, 1798.
(*Step. H.* ii. 100, 1829!). Helvetia.

3. ENDROSA AURITA. The Striped Dew Moth. B. M.
Noctua aurita, *Esp. S.* iv. 102, t. 15, f. 1, 2, 1787.
Tinea irrorella, *Sulz. K.* 162, t. 23, f. 10, 1761.
Bombyx compluta, *Hüb. Bo.* t. 25, f. 108, 1798.
(*Cur. G.* 144, 1831!). Swiss Alps.

Page 64—66.

Fam. II. NOCTUIDÆ.

Sub-F. I. NOCTUELIDI.

102. SEGETIA.

2. SEGETIS IMPLEXA.* The Brindled Rustic.

Noctua implexa, *Hüb. No.* t. 88, f. 414, 1806.
Noctua viscosa, *Dahl.* (*C. & L.* 1802).

(*Step. H.* ii. 166, 1829!). Sicily.

Page 68.

106. CHARÆAS.

b. BRITHYS.

4. CHARÆAS NIGRA. The Black Rustic. B. M.

Noctua nigra, *Haw. L. B.* 192, 1810.
Charæas nigra, *Step. H.* ii. 110, t. 20, f. 2, 1829.

(*Haw. l. c.* 1810!). N. America.

Page 68—69.

107. AGROTIS.

a. GEORYX.

1 a. AGROTIS MONOSTIGMA.* The Single-spotted Dart.

Agrotis monostigma, *Cur.* (*B. E.* iv. *fo.* 165, 1827). (An aberratio præc? *Vide* p. 69).

(*Curtis, l. c.* 1827!). N. America?

b. AGRONOMA.

2 b. AGROTIS CRASSA.* The Stout Dart. B. M.

Noctua crassa, *Hüb. No.* t. 32, f. 152, 1799.
Bombyx segetum, *Esp. S.* iii. 301, t. 110, f. 5, 1784.
Var. *a.* Noctua Tritici, *Hüb. No.* t. 32, f. 151, 1799.

(*Haw. L. B.* 220, 1810!). France, &c

3 a. AGROTIS SIGNIFERA.* The Signal Dart. B. M.
Noctua signifera, *Schiff.* (*W. V.* 80, 1776). *Hüb. No.* t. 28, f. 132, 1798.
(*West. & H. M.* i. 254, 1843 !). Alps.

b, a. LITHOPHANE.
Lithophane, p., *Hüb. V.* 242, 1816.

3 b. AGORTIS SAGITTIFERA.* The Archer's Dart. B. M.
Noctua sagittifera, *Hüb. No.* t. 114, f. 532, 1812.
(*Haw. L. B.* 118, 1803 !). Austria.

Page 70.

d. PERIDROMA.

5 a. AGROTIS ANNEXA.* The Pale Shoulder. B. M.
Agrotis annexa, *Och.—Treit.* v. 1, 154, 1825. *Step. H.* ii. 117, t. 22, f. 2, 1829.
Noctua subterranea, *Haw. L. B.* 171, 1810.
(*Haw. l. c.* 1810 !). Georgia.

5 b. AGROTIS ? SUBTERRANEA.* The Tawny Shoulder. B. M.
Noctua subterranea, *Fab. E. S.* iii. b, 70, 1795. (Var. præc.?).

Page 71.

e, a. CHERSOTIS.
Chersotis,†† *Bois. I. M.* 103, 1840.
S. America.

10 a. AGROTIS OCELLINA. The Eyed Dart. B. M.
Noctua ocellina, *Schiff.* (*W. V.* 313, 1776).
Agrotis ocellina, *Step. H.* ii. 122, 1829.
Noctua Phyteuma, *Esp. S.* iv. 2, 47, t. 92, f. 3, 4, 1786.
(*Step. l. c.* 1829 !). Europe.

Page 74.

109. SPÆLOTIS.

a, a. CHERA.

Chæra, p., *Hüb. V.* 211, 1816.

1 a. SPÆLOTIS RENIGERA.* The Kidney Rustic.
Noctua renigera, *Hüb. No.* t. 82, f. 384, 1804.
(*Step. H.* ii. 129, 1829 !). Alps.

a. RHYACIA.

2 a. SPÆLOTIS BIRIVIA. The Double-striped Rustic.
Noctua birivia, *Hüb. No.* t. 9, f. 42, 1797.
Graphiphora birivia, *Wood, I. E.* t. 52, f. 1662, 1838.
(*Cur. G.* 146, 1831!). Hungary.

c. EPIPSILIA.

4 a. SPÆLOTIS LATENS.* The Dusky Rustic. B. M.
Noctua latens, *Hüb. No.* t. 89, f. 419, 1806.
Var. *a.* Noctua ignicola,* *Hüb. No.* t. 117, f. 546, 1813.
(*Step. H.* ii. 129, 1829 !). S. France, &c.

Page 76—79.

110. GRAPHIPHORA.

a, a. EUOXA.

Euoxa, *Hüb. V.* 209, 1816.

1 a. GRAPHIPHORA CANDELISEQUA.* The Pale Clay. B. M.
Noctua candelisequa, *Schiff.* (*W. V.* 72, 1776). *Hüb. No.* t. 105, f. 493, ♂, t. 85, 1811, f. 397, ♀, 1805.
(*Step. H.* ii. 132, 1829 !). Austria.

b. DIARSIA.

5 a. GRAPHIPHORA PUNICEA.* The Purplish Square Spot. B. M.
Noctua punicea, *Hüb. No.* t. 25, f. 115, 1798.
Noctua turbida (congener), *Id.* t. 135, f. 617, 1816.
(*Haw. L. B.* 228, 1810 !). Bavaria.

d. EUGRAPHE.

11 a. GRAPHIPHORA I-INTACTUM.* The Pearly Square Spot. B. M.
Noctua I-intactum, *Hüb. No.* t. 28, f. 130, 1797.
Noctua Margaritaceæ, *Bork. E. S.* iv. 215, 1794.
Caradrina glareosa, *Cur. G.* 147, 1831.
(*Cur. G. l. c.* 1831 !). France.

e. OCHROPLEURA.

11 b. GRAPIPHORA MUSIVA.* The Pale-shouldered Chestnut. B. M.
Noctua musiva, *Hüb. No.* t. 25, f. 118, 1798.
Graphiphora musiva, *Step. H.* ii. 136, 1829.
(*Step. l. c.* 1829 !). Austria.

Page 80—84.

Sub-F. II. ORTHOSIDI.

116. ORTHOSIA.

e. CARADRINA.

11 a. ORTHOSIA? LÆVIS. The Gray Rustic.
Noctua lævis, *Hüb. No.* t. 34, f. 163, 1799.
(*Haw. L. B.* 207, 1810 !). France, &c.

e, a. CUPHANOA.

14 a. ORTHOSIA? HUMILIS.* The Veined Lunar Underwing. B. M.
Noctua humilis, *Schiff.* (*W. V.* 76, 1776). *Hüb. No.* t. 36, f. 170, 1799.
(*West. & H. M.* i. 139, 1843 !). Central France.

Page 87—88.

*Sub-F. III. AMPHIPYRIDI.

122. SCOTOPHILA.

2. SCOTOPHILA TETRA.* The Mahogany. B. M.
Noctua tetra, *Fab. M.* ii. 138, 1789. *Hüb. No.* t. 8, f. 39, 1797.
(*Haw. L. B.* 164, 1810 !). S. Europe.

Page 92.

Sub-F. V. APAMIDI.

129. XYLOPHASIA.

a. SEPTIS.

4 a. XYLOPHASIA LATERITIA. The Dusky Brick. B. M
Phalæna-N. lateritia, *Hüfn.*—(*Berl. M.* iii. 306, 1769).
Noctua lateritia, *Esp. S.* iv. 399, t. 131, *Noct.* 52, f. 3, 4, 1796.
Noctua molochina, *Hüb. No.* t. 15, f. 74, 1798.
(*Doub. L.* 12, 1848 !). Central Europe.

129 a. SYMA.

Syma, *Step. MSS.*

1. SYMA HIRTICORNIS.* The Hairy-horned Brindle. B. M.
Noctua hirticornis, *Haw.*—*Ent. Tr.* i. 336, 1812.
Xylophasia ? hirticornis, *Step. H.* ii. 177, 1829.
(*Haw. l. c.* 1812 !). N. America.

Page 96.

133. MIANA?

b. ATYPHA.

Atypha, *Hüb. V.* 213, 1816.

5. MIANA? PULMONARIS.* The Reddish Minor. B. M.

Noctua Pulmonaris, *Esp. S.* iv. 499, t. 151, *Noct.* 71, f. 5, 1798.
Noctua Pulmonariæ, *Hüb. No.* t. 20, f. 98, 1797.
Miana Pulmonariæ, *West. & H. M.* i. 181, t. 38, f. 11, 1842.

(*Doub.—Entom.* 263, 1842!). Eastern Europe.

Page 97.

134. CELÆNA.

2. CELÆNA RENIGERA. The Pale Underwinged Minor. B. M.

Celæna renigera, *Step. H.* iii. 16, t. 25, f. 2, 1829.

(*Step. l. c.* 1829!). N. America.

Page 97—99.

135. HAMA.

d. DIATARAXIA.

5 a. HAMA ALIENA.* The Clouded Rustic. B. M.

Noctua aliena, *Hüb. No.* t. 94, f. 441, 1808.

(*Step. H.* iii. 4, 1829!). Austria.

135 a. BRYTHIS.

Brythis, *Hüb. V.* 226, 1816.
Glottula, *Guén.—Ann. E. S. Fr.* vi. 359, 1837.

1. BRYTHIS PANCRATII. The White-underwinged Rustic. B. M.

Noctua Pancratii, *Cyr. E. N.* 2, t. xii. f. 4, 1787.
Noctua dinimica, *Cram. K.* iv. 238, t. 399, f. H, 1787.

(*Ex. Mus. D. Thrupp.*). Italy? and S. Europe.

Page 100—101.

Sub.-F. VI. HADENIDI.

138. MAMESTRA.

c. DIATARAXIA.

3 a. MAMESTRA SPLENDENS.* The Brilliant Ear Moth.
Noctua splendens, *Hüb. No.* t. 85, f. 400, 1805.
Mamestra splendens, *Step. H.* ii. 192, 1829.
(*Step. l. c.* 1829 !). Austria.

Page 102.

139. HADENA.

a. ASTRAPETIS.

1 a. HADENA AMICA.* The Purple Brocade. B. M.
Hadena amica, *Treit.? E. S.* v. i. 332, 1825.
(*Step. H.* ii. 180, 1829 !). N. America and Polar Regions.

11 a. HADENA? PLASTEADII. Plastead's Brocade.
Mamestra Plasteadi, *Cur.* (*G.* 150, 1831).
(*Cur. G. l. c.* 1831 !). N. America.

Page 105.

d. DICHONIA.

12. HADENA DISTANS.* The Variable Brindle. B. M.
Noctua distans, *Hüb. No.* t. 112, f. 522, 523, 1813.
(*In Mus. Britt.—Ex. Coll. Britt. D. Leach*). S. of France.

e. TRIGONOPHORA.

Trigonophora, p., *Hüb.* (*V.* 217, 1816).

13. HADENA? COMMELINÆ.* The Pearl Underwing. B. M.
Phalæna-N. Commelinæ, *Sm. & Abb.* ii. t. 95, 1798.
Noctua Androgea, *Cramer* (*teste Hüb.*).
(*In Mus. Britt.—Ex. Coll. Britt. D. Leach*). N. America.

Page.107.

144. DIANTHECIA.

b, a. EPIA.

Epia, *Hüb. V.* 214, 1816.

3 a. DIANTHECIA ECHII.* The Pale Brindled Shears. B. M.
Phalæna-N. Echii, *Bork. E. S.* iv. 166, 1792.
Noctua Syngenesiæ, *Scrib. B.* iii. 204, 1793.
Noctua Brecciæformis, *Esp. S.* iv. 2, 79, t. 198, *Noct.* 49, f. 5, 1802.
(*Doub.—Zool.* 332, 1843!). Germany.

b, b. MIMETES.

Mimetes, *Hüb. V.* 210, 1816.

3 b. DIANTHECIA CÆSIA. The Leaden Shears.
Noctua cæsia, *Schiff.* (*W. V.* 280, 1776).
Noctua dichroma, *Esp. S.* iv. 2, 519, t. 155, *Noct.* 76, f. 1, 2, 1798.
(*Doub.—Zool.* 332, 1843!). Alps.

Page 108.

c. HARMODIA.

4 a. DIANTHECIA COMPTA.* The Varied Coronet. B. M.
Noctua compta, *Schiff.* (*W. V.* 70, 1776). *Hüb. No.* t. 11, f. 53, 1797.
Phalæna-N. tranversalis, *Vill. E.* ii. 372, 1789.
Phalæna-N. comta, *Bork. E. S.* iii. 147, 1792.
(*Haw. L. B.* 179, 1810!). Central and S. Europe.

Page 110.

147 a. CHARIPTERA.

Chariptera, *Guén.—Dup. C.* 139, 1846.

a. POLYMIXIS.

Polymixis, p., *Hüb. V.* 205, 1816.

1. CHARIPTERA POLYMITA. The Charlock Beauty. B. M.

Phalæna-N. polymita, *Linn. F.* ii. No. 1217, 1761.
Noctua seladonia, *Fab. E. S.* iii. 2, 103, 1794.
Noctua ridens, *Hüb. No.* t. 4, f. 20, 1797.

(*Martyn, V. M. Art. Charlock*, 1785 !). S. Europe.

Page 112.

150 a. DIACOPE.

Diacope, *Hüb. V.* 204, 1816.
Calotænia, *Step. H.* iii. 99, 1830.
Jaspidia, *Bois. I. M.* 2 ed. 128, 1840.

1. DIACOPE CELSIA.* The Green Ribband. B. M.

Phalæna-B. Celsia, *Linn. S. Nat.* i. 507, 1758.
Noctua Celsia, *Hüb. No.* t. 15, f. 72, 73, 1798.
Calotænia Celsia, *Step. H.* iii. 99, *Note*, 1830. *Wood, I. E.* t. 54, f. 51.

(*Martyn, V. M. Art. Hop.* 1785 !). Sweden, Hungary.

Page 113.

153. MISELIA.

3. MISELIA ANCEPS. The Doubtful.

Miselia anceps, *Step. MSS.*
Polia ? polymita ? *Step. H.* iii. 31, t. 26, f. 2, 1829.

(*Step. l. c.* 1829 !). N. America ?

Page 114.

154 a. CALOPISTRIA.

Calopistria, *Hüb. V.* 216, 1816.
Lagopus (Genus Avium), *Latr.—N. Dict. H. N.* xvii. 199, 1816?
Eriopus, *Treit. S.* v. 1, 365, 1825.

1. CALOPISTRIA PTERIDIS. The Fern Beauty. B. M.
Noctua Pteridis, *Fab. E. S.* iii. 2, 90, 1794.
Eriopus Pteridis, *Step. H.* iii. 49, *Note*, 1829. *Wood, I. E.* t. 54, f. 47.
Noctua Juventina, *Stoll.—Cram. K.* iv. 245, t. 400, f. N. N, 1785.
Phalæna-N. manicata, *Vill. E.* ii. 275, 1789.
Phalæna-N. formosa, *Bork. E. S.* iv. 362, 1792.
Noctua Lagopus, *Esp. S.* iv. 356, t. 125, *Noct.* 46, f. 7, 1794.
Pyralis formosissimalis, *Hüb. Py.* t. 17, f. 111, 1796.
(*Sam. Comp. I.* 30, 1818 !). S. of Europe.

Sub-F. VII. BOMBYCOIDI.

155. DIPHTHERA.

b. DIPHTHERA.

1 a. DIPHTHERA LUDIFICA. The Blotched. B. M.
Phalæna-N. ludifica, *Linn. S. Nat.* i. 514, 1758.
Diphthera ludifica, *Step. H.* iii. 46, *Note*, 1829. *Wood, I. E.* t. 54, f. 46, 1839.
(*Turt. Gm.* iii. 329, 1806 !). France, &c.

156. TRILÆNA.

3 a. TRILÆNA CUSPIS.* The Clouded Dagger. B. M.
Noctua cuspis, *Hüb. No.* t. 108, f. 504.
Acronycta cuspis? *Step. H.* iii. 40, 1829. *Wood, I. E.* t. 52, f. 1666.
(*Step. l. c.* 1829 !). Bavaria, Hungary.

BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Page 115—116.

157. ACRONYCTA.

e. ARCTOMYSCIS.

8 a. ACRONYCTA EUPHRASIÆ. The Small Spurge. B. M.

Phalæna-N. Euphrasiæ, *Bork. E. S.* iv. 232, 1792.
Noctua Euphorbiæ, *Esp. S.* iv. 261, t. 117, *Noct.* 38, f. 13, 1792.
Noctua Esulæ, *Hüb. No.* t. 134, f. 613, 1816.

(*Step. H.* iii. 43, 1829 !). Central Europe.

Page 122—125.

Sub-F. X. XANTHIDI.

166. XANTHIA.

d. CIRRHIA.

Cirrhia ? *Hüb.* (*V.* 234, 1816).

6. XANTHIA FIMBRIAGO. The Brown-bordered Sallow. B. M. ?

Xanthia fimbriago, *Step. H.* iii. 67, 1829. *Wood, I. E.* t. 15, f. 351.

(*Step. l. c.* 1829 !). N. America ?

Page 127.

169. ATETHMIA.

2. ATETHMIA AMBUSTA.* The Dusky-barred Sallow. B. M.

Noctua ambusta, *Schiff.* (*W. V.* 88, 1776).
Noctua xerampelina, *Esp. S.* iv. 15, t. 183, *Noct.* 104, f. 5, 1786.

(*Vide* p. 127; non xerampelina, *Hüb.*). France.

Sub-F. XI. GORTYNIDI.

171. GORTYNA.

c. SIDERIDIS.

Sideridis, p., *Hüb. V.* 232, 1816.

4. GORTYNA LUTEAGO.* The Thick-horned Sallow. B. M.
Noctua luteago, *Schiff.* (*W. V.* 86, 1776).
Gortyna luteago, *Step. H.* iii. 70, *Note*, 1829. *Wood, I. E.* t. 54, f. 48.
Phalæna-N. lutea, *Bork. E. S.* iv. 684, 1792.
Noctua brunneago, *Esp. S.* iv. 2, 66, t. 116, f. 2, 3, 1802.
(*Samou. Comp.* 252, 1816!). S. France.

Page 128—129.

Sub-F. XII. CARADRINIDI.

172. MYTHIMNA.

c. HYPHILARE.

3 a. MYTHIMNA ALBIPUNCTA.* The White-spot Clay. B. M.
Noctua albipuncta, *Schiff.* (*W. V.* 84, 1776).
Noctua Lythargyria, ♀, *Esp. S.* iv. 341, t. 124, *Noct.* 45, f. 5, 1792.
(*Step. Cat.* ii. 74, 1829!). France, &c.

d. LUPERINA.

Luperina, § 8, *Bois.* (*I. M.* 2 ed. 116, 1840).

4. MYTHIMNA IMBECILLA. The Streaked Clay.
Noctua imbecilla, *Fab. E. S.* iii. 2, 113, 1794.
Graphiphora imbecilla, *Cur.* (*G.* 180, 1831). *Wood, I. E.* t. 52, f. 43.
Mythimna disparalis, *Och.*(*S.* iv. 78, 1816).

♀. Noctua Aliena, *Hüb. No.* t. 84, f. 394, 1805.
Var. *a.* Noctua alpina, *Hüb. No.* t. 156, f. 728—29, 1827.
Var. *b.* Mythimna nexa, *Dup. L. F.* vii. 62, t. 104, f. 4, 1827.
(*Curtis, l. c.* 1831 !). Styria, Hungary.

Page 130.

174. CARADRINA.

1 a. CARADRINA ALSINES.* The White-line Rustic. B. M.
Phalæna-N. Alsines, *Bork. E. S.* iv. 608, 1792.
Noctua Alsines, *Hüb. No.* t. 125, f. 577, 1815.
(*Step. Cat.* ii. 75, 1829 !). France, &c.

1 b. CARADRINA PLANTAGINIS.* The Brown-spot Rustic.
Noctua Plantaginis, *Hüb. No.* t. 125, f. 576, 1815.
Noctua ambigua, *Schiff.* ? (*W. V.* 77, 1776).
(*Step. H.* ii. 155, 1829 !). France, &c.

Page 136.

Sub-F. XIV. LEUCANIDI.

180. LEUCANIA.

3 a. LEUCANIA PUNCTILINEA. The Dotted-lined Wainscot. B. M.
Noctua punctilinea, *Haw. MSS.*
(*Ex Mus. D. Haworth !*). N. America.

3 b. LEUCANIA ? UNIPUNCTATA. The White Speck. B. M.
Noctua unipunctata, *Haw. L. B.* 174, 1810.
Leucania impunctata, *Step. H.* iii. 80, 1829.
(*Ex Mus. D. Francillon ! Haw. l. c.* 1810 !). N. America.

Page 138.

182. SIMYRA.

2 a. SIMYRA NERVOSA.* The Tawny-veined Wainscot.
Noctua nervosa, *Schiff.* (*W. V.* 85, 1776).
Noctua oxyptera, *Esp. S.* iv. (397), t. 130, *Noct.* 51, f. 6, 1788—95.
(*Step. H.* iii. 82, 1829 !). S. Europe ?

Page 139.

Sub-F. XV. CUCULLIDI.

185. CUCULLIA.

3 a. Cucullia Thapsiphaga.* The Gray Mullein. B. M.

Cucullia Thapsiphaga, *Treit. S.* v. 3, 120, 1826. *Ramb.*—*Ann. E. S. Fr.* ii. 22, t. 1, f. 2, 1833.

(*Step. H.* iii. 87, 1829 !). S. of France.

3 b. Cucullia Prænanthis.* The False Water Betony. B. M.

Cucullia Prænanthis, *Bois.* (*I. M.* 2 ed. 154, 1840).
Cucullia Blattariæ, *Dup. L. F.* vii. t. 124, f. 5, 1827.

(*West. & H. M.* i. 254, 1843 !). S. of France.

d. Callænia.

7 a. Cucullia Tanaceti.* The Tansy Shark. B. M.

Cucullia Tanaceti, *Schiff.* (*W. V.* 73, 1776). *Fab. E. S.* iii. 2, 121, 1794. *Hüb. No.* t. 54, f. 165, 1799.

(*Haw. L. B.* 165, 1810 !). Europe.

7 b. Cucullia Lactucæ.* The Lettuce Shark. B. M.

Noctua Lactucæ, *Schiff.* (*W. V.* 74, 1776).
Noctua lucifuga, *Hüb. No.* t. 54, f. 162, 1799.

(*Haw. L. B.* 166, 1810 !). Europe.

7 c. Cucullia lucifuga.* The Large Dark Shark. B. M.

Noctua lucifuga, *Schiff.* (*W. V.* 312, 1776).
Noctua Lactucæ, *Hüb. No.* t. 54, f. 164, 1799.

(*Haw. L. B.* 166, 1810 !). Europe.

Page 142.

187 a. CLEOPHANA.

Cleophana, *Bois. I. M.* 2 ed. 151, 1840.

1. Cleophana De Jeanii. The Angle-bearer. B. M.

Cleophana De Jeanii, *Bois. I. M.* 88, 1829. *Dup. L. F.* vii. 237, t. 115, f. 2, 1827.

(*Doub. L.* 13, 1848! *In Mus. Britt. Ex. Coll. D. Leach*). S. France.

Page 142.

Sub-F. XVI. PLUSIDI.

189. ABROSTOLA.

3. ABROSTOLA ASCLEPIADIS.* The Alpine Spectacle.
Noctua Asclepiadis, *Schiff.* (*W. V.* 91, 1776).
Phalæna-N. tripartita, *Hufn.*—(*Berl. M.* iii. 414, 1769).
Noctua triplacea, *Hüb. No.* t. 55, f. 269, 1800.
(*Haw. L. B.* 246, 1810 !). Swiss Alps.

Page 143—146.

191. PLUSIA.

a. AUTOGRAPHIA.

2 a. PLUSIA BIMACULATA. The Twin Gold-spot. B. M.
Plusia bimaculata, *Step. H.* iii. 102, 1830. *Wood, I. E.* 71, t. 16, f. 399.
Plusia inscripta ? *Step.* (*Cat.* ii. No. 6377, 1829).
(*Ex. Mus. D. Marsham. Step. Cat.* ii. *l. c.* 1829 !). N. America.

*4 a. PLUSIA CIRCUMFLEXA. The Yorkshire Y Moth.
Phalæna-N. circumflexa, *Linn. S. Nat.* ii. 844, 1767.
Plusia circumflexa, *Step. H.* iii. 103, 1830. *Wood, I. E.* t. 16, f. 404.
Phalæna flexuosa, *Don. B. I.* xii. 53, t. 412, 1807.
(*Ex Mus. D. Donovan ! Don. l. c.* 1807 !). Europe.

4 b. PLUSIA CONFUSA. The Neglected Y Moth. B. M.
Plusia confusa, *Step. MSS.*
Noctua circumflexa, *Hüb. No.* t. 58, f. 285, 1800.
(*Ex Mus. D. Haworth. Haw. L. B.* 257, 1810 !). Central France ?

a, a. Chrysodeixis.

Chrysodeixis, *Hüb. V.* 252, 1816.

*4 c. Plusia chalcytis. The Gold-freckled. B. M.

Noctua chalcytis, *Hüb. No.* t. 57, f. 276, 1800.
Plusia chalcytis, *Wood, I. E.* t. 54, f. 52.
Noctua Oo, *Cram. K.* iv. 45, t. 311, f. E. F. 1790.
Phalæna-N. chalcytes, *Bork. E. S.* iv. 774, 1792.
Noctua Bengalensis, *Ross. M.* ii. 387, 1794.

(*Curtis, G.* 155, 1831 !). Italy; South of Europe.

b. Diacrysia.

*4 d. Plusia aurifera. The Golden Blotch. B. M.

Noctua aurifera, *Hüb. No.* t. 98, f. 463, 1810.
Plusia aurifera, *Step. H.* iii. 104, 1830. *Wood, I. E.* t. 16, f. 403.

(*In Mus. Britt. Ex Mus. D. Lyon. Step. l. c.* 1830 !). S. Europe.

c. Chrysaspidia.

8 a. Plusia biloba. The Double-lobed Gold-spot. B. M.

Plusia biloba, *Step. H.* iii. 104, 1829.

(*Step. l. c.* 1829 !). N. America?

Sub-F. XVII. HELIOTHIDI.

192. HELIOTHIS.

b. Melicleptria.

5 a. Heliothis Ononis.* The Rest Harrow. B. M.

Noctua Ononis, *Schiff.* (*W. V.* 89, 1776).
Heliothis Ononis, *Bois. I. M.* 95, 1829.

(*Bois. l. c.* 1829 !). Eastern France.

Page 148.

Sub-F. XVIII. ACONTIDI.

195. ACONTIA.

b. TARACHE.

1 a. ACONTIA APRICA. The Nun. B. M.?

Noctua aprica, *Hüb. No.* t. 80, f. 371, 1804.
Acontia aprica, *Step. H.* iii. 113, 1830.
Noctua albo-ater, *Haw. L. B.* 184, 1810.

(*Haw. l. c.* 1810!). S. Europe.

3 a. ACONTIA NIGRIRENA.* The Black Kidney.

Phytometra nigrirena, *Haw. L. B.* 266, 1810.
Acontia nigrirena, *Step. H.* iii. 114, 1830.

(*Haw. l. c.* 1810!). N. America.

195 a. EUPHASIA.

Euphasia, *Step. H.* iii. 115, 1830.
Desmophora, *Step.* (*Cat.* ii. 109, 1829).
Eudryas, *Bois.?* (vide *I. E.* 2 ed. 165, 1840).

1. EUPHASIA CATÆNA. The Brixton Beauty. B. M.

Noctua catæna, *Sow. B. M.* i. 29, t. 14, 1806.
Euphasia catæna, *Step. H.* iii. 116, 1830.
Desmophora elegans, *Step. C.* ii. 109, 1829.

(*Sowerby, l. c.* 1806!). N. W. India.

Page 150.

Sub-F. XX. MICRADI.

199. TROTHISA.

1 a. TROTHISA MINUTA.* The Least Marbled. B. M.

Noctua minuta, *Hüb. No.* t. 95, f. 451, 1809.
Erastria minuta, *West. & H. M.* ii. t. 53, f. 19, 1843.

(*Haw. L. B.* 265, 1810!). S. France.

Page 151.

Sub-F. XXI. ERASTRIDI.

200. ERASTRIA?

3. ERASTRIA? APICOSA. The Blossom Tip. B. M.

Phytometra apicosa, *Haw. L. B.* 261, 1810.
Erastria? apicosa, *Step. H.* iii. 119, 1830. *Wood, I. E.* t. 17, f. 425.

(*Haw. l. c.* 1810!). N. America.

Page 152.

Sub-F. XXII. OPHIUSIDI.

202. OPHIUSA.

1 a. OPHIUSA LUSORIA. The Large Black Neck. B. M.

Phalæna-N. lusoria, *Linn. S. Nat.* i. 506, 1758.
Noctua lusoria, *Hüb. No.* t. 65, f. 318, 1801.

(*Don. B. I.* x. 76, 1801!). France.

1 b. OPHIUSA? LUDICRA. The Scarce Black Neck. B. M.

Noctua ludicra, *Hüb. B.* ii. 4, 95, 1788.
Ophiusa ludicra, *Step. H.* iii. 126, 1830. *Wood, I. E.* t. 54, f. 53, 1839.

(*Haw. L. B.* 259, 1810?). Hungary.

1 c. OPHIUSA? CRASSIUSCULA. The Double Barred. B. M.

Phytometra crassiuscula, *Haw. L. B.* 259, 1810.
Ophiusa? crassiuscula, *Step. H.* iii. 126, 1830. *Wood, I. E.* t. 17, f. 436.

(*Haw. l. c.* 1810!). N. America.

203. OPHIODES?

1 a. OPHIODES? GRANDIRENA.* The Great Kidney. B. M.

Phytometra grandirena, *Haw. L. B.* 264, 1810.
Ophiusa? grandirena, *Step. H.* iii. 126, *Note*, 1830.

(*Haw. l. c.* 1810!). N.? America.

203 a. SCOPELOPUS.

Scopelopus, *Step. H.* iii. 124, 1830.
Phytometra, p., *Haw. L. B.* 259, 1810.

1. SCOPELOPUS INOPS.* The Brush Foot. B. M.

Scopelopus inops, *Step. H.* iii. 124, *Note*, 1830.
Phytometra scopulæpes, *Haw. L. B.* 260, 1810.
(*Haw. l. c.* 1810!). N. America.

Page 153.

Sub-F. XXIII. CATOCALIDI.

203 b. CATEPHIA.

Catephia, *Och.* (*S.* iv. 94, 1816).

a. ANOPLIA.

Anoplia, *Guén. MSS.*
Ædia, p., *Hüb. V.* 260, 1816.

1. CATEPHIA LEUCOMELAS. The Large 4-Spotted. B. M.

Phalæna-N. leucomelas, *Linn.? S. Nat.* i. 518, 1758.
Catephia leucomelas, *Step. H.* iii. 129, 1830.
Noctua leucomelas, *Hüb. No.* t. 62, f. 304, 1800.
(*Haw. L. B.* 264, 1810!). Central Europe.

2. CATEPHIA? TRIFASCIATA. The Triple Barred. B. M.

Catephia? trifasciata, *Step. H.* iii. 128, 1830. *Wood, I. E.* t. 17, f. 437.
(*Step. l. c.* 1830!). N. America?

205. CATOCALA.

b. EUNETES.

*1 a. CATOCALA ELOCATA. The Spotted Red Underwing. B. M.

Noctua Elocata, *Esp. S.* iv. 127, t. 99, f. 1, 2, 1787?

Catocala Elocata, *Cur. B. E.* v. t. 217, 1828. *Step. H.* iii. 132, 1829.
Noctua Nupta, *Fab. E. S.* iii. 2, 53, 1794.
Noctua marita, *Hüb. No.* t. 105, f. 194, 1799.
Var. *a.* Noctua Uxor, *Hüb. No.* t. 69, f. 328, 1801.
(*Curtis, l. c.* 1828!). S. Europe.

b, a. LAMPRONIA.

Lampronia, *Hüb. V.* 277, 1816.

2 a. CATOCALA PACTA.* The Red-bordered Red Underwing.
Phalæna-N. Pacta, *Linn. S. Nat.* i. 512, 1758.
Catocala Pacta, *Step. H.* iii. 133, *Note*, 1830. *Wood, I. E.* t. 54, f. 56.
(*Berk. O.* i. 147, 1769!). Russia.

Page 154.

c. ASTIOTES.

4 a. CATOCALA CONJUNCTA. The Lesser Crimson Underwing. B.M.
Noctua conjuncta, *Esp. S.* iv. 129, t. 100, f. 1, 2, 1787?
Catocala conjuncta, *Step. H.* iii. 135, 1810.
Noctua conjuga, *Hüb. No.* t. 71, f. 335, 1802.
(*Haw. L. B.* 269, 1810!). S. France.

206. BREPHOS.

1 a. BREPHOS PUELLA. The Dingy Orange Underwing. B. M.
Noctua puella, *Esp. S.* iv. 163, t. 106, f. 2, 3, 1788?
Brepha puella, *Step. H.* iii. 137, 1831.
Noctua cœlebs, *Hüb. B.* i. 4, 21, t. 3, Q. S., 1789.
Noctua Parthenias, var., *Goda. L. F.* v. 89, t. 51, f. 3, 1824.
(*In Mus. Brit.—Ex. Mus. D. Lettsom!*). Germany.

Page 155.

Sub-F. XXV. GONIATIDI.

207. EUCLIDIA.

c. GONISPILEIA.

Gonispileia, *Hüb. V.* 281, 1816.

3 a. EUCLIDIA TRIQUETRA.* The Angled Yellow Underwing. B. M.
Noctua triquetra, *Schiff.* (*W. V.* 94, 1776). *Hüb. No.* t. 75, f. 348.
Euclidia triquetra, *Step. H.* iii. 139, *Note*, 1831.
Phalæna-P. fascialis, *Vill. E.* ii. 450, 1789.
Noctua fortificata, *Fab. E. S.* iii. 2, 52, 1794.
(*Sam. I.* 30, 1818!). Hungary.

Page 156.

Sub-Div. III. LEPIDOPTERA SEMIDIURNA.

Fam. I. GEOMETRIDÆ.

Sub-F. I. DASYDIADI.

207 a. TORULA.

Torula, *Bois. I. M.* 2 ed. 230, 1840.

*1. TORULA ALPINATA. The Gold Four-Spot. B. M.
Geometra alpinata, *Schiff.* (*W. V.* 115, 1776).
Psodos alpinata, *Step. H.* iii. 144, 1831. *Wood, I. E.* t. 18, f. 450.
Phalæna equestrata, *Fab. Gen. M.* 288, 1777.
Phalæna quadrata, *Fues. Mag.* i. 2, 216, 1778.
(*Haw. L. B.* 345, 1810!). Swiss Alps.

Page 157.

Sub-F. II. FIDONIDI.

212 a. RHYPARIA.

Rhyparia, *Hüb. V.* 305, 1816.
Zerene, p., *Treit.* (*S.* v. 2, 444, 1825).

1. RHYPARIA MELANARIA. The Feathered Magpie. B. M.
Phalæna-G. melanaria, *Linn. S. Nat.* i. 862, 1766.
Fidonia melanaria, *Step. II.* iii. 149, *Note*, 1831. *Wood, I. E.* t. 54, f. 62, 1839.
(*Haw. L. B.* 316, 1810!). Italy.

Page 164.

Sub-F. V. ODOPTERIDI.

222 a. HYPSOROPHA.

Hypsoropha, *Hüb. V.* 249, 1816.

1. HYPSOROPHA MONILIS. The Necklace. B. M.
Noctua monilis, *Fab. G. M.* 283, 1777.
Hypsoropha monilis, *Step. H.* iv. 391, 1835. *Wood, I. E.* t. 54, f. 61, 1839.
(*Fab. l. c.* 1777!). Georgia.

Page 176.

Sub-F. IX. GNOPHIDI.

243. CHARISSA.

b. CATASCIA.

Catascia, *Hüb. V.* 313, 1816.

2. CHARISSA DILUCIDARIA. The Dusky Annulet.
Geometra dilucidaria, *Schiff.* (*W. V.* 315, 1776). *Hüb. Ge.* t. 27, f. 143, 1797.
(*Step. Cat.* ii. 140, 1829!). Alpine Europe.

3. CHARISSA OPERARIA. The Feathered Double-line.
Geometra operaria, *Hüb. Ge.* t. 69, f. 359, 1803.
(*Cur. B. E.* iii. *fo.* 105, 1826!). Western Alps.

c. ASCOTIS.

Ascotis, *Hüb. V.* 313, 1816.

4. CHARISSA SEROTINARIA.* The Large Mocha.
Geometra serotinaria, *Schiff.* (*W. V.* 315, 1776). *Hüb. Ge.* t. 28, f. 147, 1797.
(*Haw. L. B.* 311, 1810!). Alps.

Page 177.

Sub-F. X. CABERIDI:

248. EPHYRA.

a. LEUCOPHTHALMIA.

1 a. EPHYRA ALBIOCELLARIA.* The Beautiful Mocha. B. M.
Geometra albiocellaria, *Hüb. B.* 1, 4, 3, t. 1, f. A. S., 1786.
Geometra ocellaria, *Hüb. Ge.* t. 13, f. 64, 1797.
Ephyra ocellaria, *Step. H.* iii. 198, *Note*, 1831. *Wood, I. E.* t. 54, f. 60, 1839.
Ephyra Argusaria, *Bois.* (*I. M.* 2 ed. 220, 1840).
(*Haw. Pr.* 24, 1802!). S. France and Italy.

248 a. STEGANIA.

Stegania, *Guén. MSS. Dup. C.* 270, 1846.
Fidonia, p., *Treit. S.* v. 2, 435, 1825.
Bradyepetes, p., *Step.* (*Cat.* ii. 128, 1829).

1. STEGANIA DILECTARIA. The Small Thorn. B. M.
Geometra dilectaria, *Hüb. B.* ii. 3, 76, f. W. S. 1789.
Bradyepetes dilectaria, *Step. H.* iii. 204, *Note*, 1831. *Wood, I. E.* t. 54, f. 59, 1839.
(*Haw. L. B.* 296, 1810!). S. Europe.

Page 181.

Sub-F. XII. ASPILATIDI.

251 a. CLEOGENE.

Cleogene, *Dup. L. F.* viii. 109, 1829.
Minoa ? *Step.* (*Cat.* ii. 147, 1829).

1. CLEOGENE LUTEARIA. The Plain Orange. B. M.

Phalæna lutearia, *Fab. E. S.* iii. 2, 143, 1794.
Geometra tinctaria, *Hüb. Ge.* t. 23, f. 121, 1797.
Minoa ? tinctaria, *Step.* (*Cat.* ii. 147, 1829). *Wood, I. E.* t. 54, f. 63, 1839.
Cleogene tinctaria, *Step. H.* iii. 291, 1831.

(*Step. l. c.* 1829 !). S. Europe.

251 b. PELLONIA.

Pellonia, *Dup. L. F.* viii. 109, 1829.
Rhodostrophia, p., *Hüb. V.* 300, 1816.
Ptychopoda, p., *Step.* (*Cat.* ii. 153, 1829).

*1. PELLONIA VIBICARIA. The Purple Ribband Wave. B. M.

Phalæna-G. vibicaria, *Linn. F.* No. 1228, 1761.
Pellonia vibicaria, *Step. H.* iii. 207, 1831. *Wood, I. E.* t. 20, f. 538.
Phalæna cruentata, *Scop. C.* 226, 1760.
Phalæna-G. rubrofasciata, *Hüfn.*—(*Berl. M.* iv. 612, 1770).
Geometra rubrociliata, *Goetz. B.* iii. 387, 17.

(*In Mus. D. Swainson.*—*Stew. E.* ii. 168, 1802 !).
Temperate Europe.

252. ASPILATES.

a, a. LYTHRIA.

Lythria, *Hüb. V.* 300, 1816.

*1 a. ASPILATES PURPURARIA. The Purple-barred Yellow. B. M.

Phalæna-G. purpuraria, *Linn. S. Nat.* i. 522, 1758.

Aspilates purpuraria, *Step. H.* iii. 207, 1831. *Wood, I. E.* t. 54, f. 61.

Phalæna-G. cruentaria, *Hüfn.*—(*Berl. M.* iv. 516, 1770).

(*In Mus. D. Swainson.—Martyn, V. M. Art. Oak.* 1785 !). Temperate Europe.

Page 189—194.

Sub-F. XIV. CYDARIDI.

269. APLOCERA.

c. PHÆSYLE.

Phæsyle, *Dup. C.* 254, 1840.

3. APLOCERA ? POLATA. The Polar Carpet.

Larentia polata, *Bois.—Dup. L. F.* ix. 402, t. 199, f. 4, 1831. (*West. & H. M.* ii. 56, 1844 !). Lapland.

Page 213—214.

Sub-F. XVII. MELANTHIDI.

294. MELANTHIA.

c. CALOSTIGIA.

5. MELANTHIA TURBATA.* The Bordered Rivulet.

Geometra turbata, *Hüb. Ge.* t. 49, f. 255, 1799.

(*Cur. G.* 164, 1831 !). Swiss Alps.

Page 215—216.

296. EMMELESIA.

a, a. STERRHA.

Sterrha, *Hüb. V.* 309, 1816.

2 a. EMMELESIA? SERICEATA.* The Silken Carpet. B. M.
Geometra sericeata, *Hüb. Ge.* t. 78, f. 404, 1810?
Larentia sericeata, *Dup. L. F.* ix. 434, t. 201, f. 4, 1830.
(*Dup. l. c.* 1830!). S. France.

Page 217.

297. COSMORHOE.

2. COSMORHOE FILICATA. The Minute Carpet. B. M.
Geometra filicata, *Hüb. Ge.* t. 46, f. 238, 1799.
(*In Mus. Britt.—Ex. Coll. Britt. D. Leach*). South Europe.

Page 218—219.

Sub-F. XVIII. ACIDALIIDI.

302. PTYCHOPODA.

a. CRASPEDIA.

4 a. PTYCHOPODA DECORATA.* The Middle Lace Border. B. M.
Geometra decoraria, *Schiff.* (*W. V.* 117, 1776).
Acidalia decoraria, *Wood, I. E.* t. 54, f. 65, 1839.
Phalæna cinerata, *Fab. S. I.* ii. 265, 1781.
(*Haw. Pr.* 28, 1801!). S. Europe.

1 b. PTYCHOPODA LIMBOUNDATA. The Large Lace Border.
Phalæna limboundata, *Haw. L. B.* 355, 1810.
Ptychopoda limboundata, *Step. H.* iii. 307, *Note*, 1831.
(*Ex. Mus. D. Francillon.—Haw. l. c.* 1810!). N. America.

b. ARRHOSTIA.

5 a. PTYCHOPODA CONTIGUARIA.* The Tooth-striped Wave.
Geometra contiguaria, *Hüb. Ge.* 20, f. 105, 1796.
(*Haw. L. B.* 350, 1810!). Northern France.

5 b. PTYCHOPODA INCANATA? * The Mullein Wave.

Phalæna-G. incanata, *Linn.? F. S.* ii. No. 1287, 1761.
Geometra incanaria, *Hüb. Ge.* t. 20, f. 108, 1796.

(*Haw. L. B.* 350, 1810!). France.

5 c. PTYCHOPODA DILUTARIA.* The Fan-footed Wave.

Geometra dilutaria, *Hüb. Ge.* t. 19, f. 100, 1796.
Acidalia interjectaria, *Bois. I. M.* 2 ed. 224, 1840.

(*Haw. L. B.* 353, 1810!). S. of France, &c.

Page 221.

304. ACIDALIA.

a. LEPTOMERIS.

3 a. ACIDALIA PALLIDATA.* The Pale Wave.

Geometra pallidata, *Schiff.* (*W. V.* 110, 1776).
Geometra pallidaria, *Hüb. Ge.* t. 18, f. 96, 1797.
Macaria pallidaria, *Wood, I. E.* t. 26, f. 741.

(*Cur. B. E.* viii. *fo.* 384, 1831!). Europe.

Page 223.

c, a. OPORINIA.

Oporinia, p., *Hüb. V.* 322, 1816.

12 a. ACIDALIA? RUPESTRATA.* The Twin-striped Wave.

Geometra rupestrata, *Schiff.* (*W. V.* 109, 1776). *Hüb. Ge.* t. 37, f. 192, 1798.

(*Step. H.* iii. 277, 1831!). Swiss Alps.

Page 225—227.

Sub.-F. XIX. TIMANDRIDI.

312. MACARIA.

b. ELICRINIA?

Elicrinia, *Hub.? V.* 287, 1816.

4. MACARIA? UNIPUNCTATA. The White Spot.
Phalæna unipunctata, *Haw. L. B.* 345, 1810.
Macaria unipunctata, *Step. H.* iii. 321, t. 31, f. 3, 1831.
(*Ex. Mus. D. Francillon.—Haw. l. c.* 1810!). N. America.

313. ANIA.

2. ANIA? LIMBATA. The Bordered Chequer. B. M.
Phalæna limbata, *Haw. L. B.* 346, 1810.
Ania limbata, *Step. H.* iii. 322, 1831. *Wood, I. E.* t. 26, f. 748.
(*Ex. Mus. D. Francillon.—Haw. l. c.* 1810!). N. America.

Page 228—229.

Fam. II. PLATYPTERICIDÆ.

316. DREPANA.

b. DREPANIA?

5. DREPANA? FASCIATA. The Scarce Hooktip.
Falcaria uncula, *Haw. L. B.* 153, 1810.
Drepana fasciata, *Step. H.* iv. 8, 1834.
(*In Mus. D. Swainson.—Haw. l. c.* 1810!). N. America.

Page 230.

Fam. III. PYRALIDÆ.

Sub-F. I. HERMINIDI.

318. HYPENA.

2 a. HYPENA OBESALIS.? * The Pinion Snout.
Pyralis obesalis, *Treit.? S.* vii. 27, 1829.
Hypena obesalis? *Step. H.* iv. 11, 1834. *West. & H. M.* ii. 86, t. 74, f. 11, 1844.
Crambus crassatus, *Haw. L. B.* 366, 1810.
(*Ex. Mus. D. Francillon.—Haw. l. c.* 1810!). Bavaria?

2 b. HYPENA PALPATUS?* The Dark Snout. B. M.

Crambus palpatus, *Haw.? L. B.* 366, 1810.
Hypena palpalis, *Step. H.* iv. 12, 1834. *West. & H. M.* ii. 86, t. 74, f. 14, 1844.

(*Ex. Mus. D. Francillon.—Haw. l. c.* 1810!). N. America (Georgia).

Page 231.

318 a. ÆTHIA.

Æthia, *Hüb. V.* 339, 1816.

*1. ÆTHIA EMORTUALIS. The Olive Crescent. B. M.

Geometra emortualis, *Schiff.?* (*W. V.* 120, 1776).
Crambus emortuatus? *Haw. L. B.* 369, 1810.
Æthia emortualis, *Step. H.* iv. 18, 1834. *West. & H. M.* ii. 88, t. 75, f. 1, 1844.
Geometra olivaria, *Bork. E. S.* v. 17, 1795.

(*Haw. l. c.* 1810!). Dalmatia.

Page 233—234.

Sub-F. II. CLEDEOBIDI.

325 a. CAMPTYLOCHILA.

Camptylochila, *Step. H.* iv. 21, 1834.

1. CAMPTYLOCHILA UNDULALIS. The Waved Tabby. B. M.

Crambus undulalis, *Haw. MSS.*
Camptylochila undulalis, *Step.* (*Cat.* ii. 159, No. 6771, 1829). *H.* iv. 22, 1834. *Wood, I. E.* t. 27, f. 773.

(*Step. l. c.* 1834!). N. America?

[B. M.

2. CAMPTYLOCHILA BISTRIGALIS. The Double-streaked Tabby.

Camptylochila bistrigalis, *Step. H.* iv. 22, 1834. *Wood, I. E.* t. 27, f. 774.

(*Step. l. c.* 1834!). N. America.

Sub-F. III. AGLOSSIDI.

326. AGLOSSA.

*1 a. AGLOSSA DIMIDIALIS. The Tea Tabby. B. M.

Pyralis dimidialis, *Haw.* (*Pr.* 22, 1802).
Crambus dimidiatus, *Haw. L. B.* 372, 1810.
Aglossa dimidiatus, *Step. H.* iv. 24, 1834. *Wood, I. E.* t. 54, f. 67, 1839.

(*Haw. Pr. l. c.* 1802 !). India.

Page 235.

327. PYRALIS.

a. PYRALIS.

*1 a. PYRALIS PICTALIS. The Small Meal Moth.

Asopia pictalis, *Cur. B. E.* xi. t. 503, 1834.
Pyralis pictalis, *Step. H.* iv. 395, 1835.
Pyralis domestica, *H.-Schæff. S.* iv. 1, t. 1, f. 1, 1847.

(*Cur. l. c.* 1834 !). India.

Page 235.

b. EUCLITA.

3. PYRALIS? MARGINATUS. The Scarce Meal Moth. B. M.

Crambus marginatus, *Haw.* 374, 1810.
Pyralis marginatus, *Step. H.* iv. 26, 1834. *Wood, I. E.* t. 54, f. 68, 1839.

(*Haw. l. c.* 1810 !). N. America.

Page 236—237.

Sub-F. IV. NYMPHULIDI.

332. HYDROCAMPA.

b. NYMPHULA.

2 a. HYDROCAMPA MAGNIFICALIS. The Delicate China Mark.

Pyralis magnificalis, *Hüb. Py.* t. 16, f. 104, 1796.

Nymphula magnificalis, *Treit. S.* vii. 140, 1829.
Cataclysta? magnificalis, *Step. H.* iv. 395, 1838. *Wood, I. E.* t. 54, f. 69, 1839.

(*Treit. l. c.* 1829!). N. America.

Page 238.

Sub-F. V. BOTYDI.

333 a. EUDIOPTIS.

Eudioptis, *Hüb. V.* 359, 1816.
Diaphania, *Step.* (*Cat.* ii. 164, 1829).

1. EUDIOPTIS LUCERNALIS. The Transparent China Mark. B. M.

Pyralis lucernalis, *Hüb. Py.* t. 17, f. 108, 1796.
Eudioptis lucernalis, *Step. H.* iv. 43, 1834.
Diaphania lucernalis, *Wood, I. E.* t. 28, f. 304.
Pyralis marginalis, *Cram. Z.* t. 371 (*teste Hüb. V.*).

(*Haw. Pr.* 30, 1802!). S. America.

Page 240.

339 a. EPISCHNIA.

Epischnia, *Hüb. V.* 370, 1816.

1. EPISCHNIA DIVERSALIS. The Yellow Underwinged Pearl. B. M.

Pyralis diversalis, *Hüb. Py.* t. 16, f. 102, 1796.
Margaritia diversalis, *Step. H.* iv. 47, 1834. *Wood, I. E.* t. 28, f. 807.

(*Step. l. c.* 1834!—*In Mus. Britt.—Ex. Coll. Britt. D. Leach*).
S. Europe, Madeira, &c.

Page 240—241.

341. BOTYS.

a. EPICORSIA.

3 a. BOTYS? PALLIDALIS. The Delicate Pearl. B. M.?

Pyralis pallidalis, *Haw. L. B.* 379, 1812.

Margaritia pallidalis, *Step. H.* iv. 52, 1834. *Wood, I. E.* t. 28, f. 818.

(*Ex. Mus. D. Francillon.—Haw. l. c.* 1812!).

3 b. Botys? ochrealis. The Pale Straw China Mark. B. M.

Pyralis ochrealis, *Schiff.?* (*W. V.* 123, 1776). *Hüb. Py.* t. 22, f. 148, 1797.

Margaritia ochrealis, *Step. H.* iv. 53, 1834.

(*Haw. L. B.* 381, 1812!). Hungary.

Page 242.

341 a. PSAMOTIS.

Psamotis, *Hüb. V.* 350, 1816.

Lemia, *Guén. MSS.—Dup. C.* 205, 1846.

1. Psamotis pulveralis. The Dusted Pearl.

Pyralis pulveralis, *Hüb. Py.* t. 17, f. 109, 1797.

Margaritia pulveralis, *Step.* (*Cat.* ii. 166, No. 6824, 1829). *Id. H.* iv. 55, 1834.

(*Step. l. c.* 1829!). France and Germany.

Page 243.

Sub-F. VI. SCOPULIDI.

349. SCOPULA.

a. Scopula.

1 a. Scopula? lutealis.* The Wedge-bordered Pearl.

Pyralis lutealis, *Hüb. Py.* t. 22, f. 145, 1797.

(*Haw. L. B.* 380, 1812!). S. Europe.

a, a. Mesographe.

1 b. Scopula institalis. The Cream China Mark. B. M.

Pyralis institalis, *Hüb. Py.* t. 29, f. 182, 1797.

(*Cur. G.* 175, 1831!). E. Europe.

a, b. HAPALIA.

1 c. SCOPULA FULVALIS. The Tawny Pearl.

Pyralis fulvalis, *Hüb.*? *Py.* t. 22, f. 147, 1797.

(*Step. H.* iv. 51, 1834!). France, &c.

b. EURESIPHITA.

5. SCOPULA NEBULALIS. The Clouded Pearl.

Pyralis nebulalis, *Hüb. Py.* 8, f. 51, 1796.
Margaritia nebulalis, *Step. H.* iv. 60, *Note*, 1834. *Wood, I. E.* t. 54, f. 70, 1839.

(*Haw. Pr.* 31, 1802!). Austria.

Page 246—247.

Sub-F. VII. ENNYCHIDI.

352. PYRAUSTA.

a. PORPHYRITES.

3 a. PYRAUSTA PORPHYRALIS. The Porphyry.

Pyralis Porphyralis, *Schiff.* (*W. V.* 50, 1776).
Pyralis coccinalis, *Hüb. Py.* t. 6, f. 37, 1796.

(*Haw. Pr.* 29, 1802!). Hungary.

b. LEIMONIA.

5. PYRAUSTA FASCIALIS. The White Barred.

Pyralis fascialis, *Hüb.*? *Py.* t. 5, f. 31, 1796. *Step. H.* iv. 33, *Note*, 1834.

(*Cur. G.* 175, 1831!). Hungary.

6. PYRAUSTA? RUFOFASCIALIS. The Flounced.

Pyralis fascialis, *Haw. L. B.* 390, 1812.
Ennychia rufofascialis, *Step. H.* iv. 33, 1834. *Wood, I. E.* t. 27, f. 790.

(*Haw. l. c.* 1812!). N. America.

ADDITIONS AND CORRECTIONS

TO THE

BRITISH LIST.

Page 36.

43. PHRAGMATÆCIA.

Phragmatæcia, *Newm.—Zool.* viii. 2931, 1850.
Macrogaster (Genus Coleopt., *Thunb.* 1792). *Step. C. L. B. l. c.* 1850.

Page 56.

2. STERRHOPTERIX OPACELLA. The Dusky Chimney Sweep.

Psyche opacella, *H.-Schæff. S.* ii. 20, t. 19, f. 102, 1847.
Psyche Fenella, *Newm.—Zool.* viii. *App.* xcix. 1850.
Sterrhopterix hyalinella, *Step. C. B. L. l. c.* 1850 (spec. deras.).

Page 74.

109 a. OPIGENA.

Opigena, *Bois. I. M.* 2 ed. 103, 1840.

1. OPIGENA FENNICA.* The Beautiful Dart.

Noctua Fennica, *Tausc.—Evers. Bull. S. I. M.* 30, 1837. *H.-Schæff. S.* t. 30, f. 106, 107, 1846.

Page 84.

Dele Caradrina lævis, *Step. H.* ii. 157, 1829.

117. ANCHOCELIS.

Anchoscelis (pro Anchocelis), *Step. C. B. L. l. c.* 1850.

Page 135.

4. NONAGRIA NEURICA.

Var. *b.* Noctua neurica, *Hüb. No.* t. 144, f. 659—661, 1816.

Page 174.

4. ALCIS REPANDATA.

Var. *e.* Alcis subcærulearia, *Step. MSS.*

Page 221.

3. Acidalia obsoletaria, *Dup. L. F. Sup.* iv. 52, t. 54, f. 10, 1842.

Page 236.

329. AGROTERA.

Endrotricha, *Zell.—teste H.-Schæff.* iii. 12, 1847.

Page 239.

327. NASCIA.

Duponchelia, *Zell.—teste H.-Schæff.* iii. 8, 1847.

Note.—In Mr. H. Doubleday's collection there are two or three species of British Eupithecie evidently distinct from any referred to in the foregoing Catalogue, but their names are not yet discovered. It may be proper to add, in reference to the List of Reputed British Species of Lepidoptera, that in addition to such accidental visitors as Cynthia Huntera, Pamphila Vitellius, Agrotis annexa, &c., therein included (probably also Ag. subgothica, &c. in the Indigenous List); several others have occurred at large; *e. g.* a Castnia (*C. Coronis*), taken while sipping the flowers of a Petunia, in a conservatory in Loddiges' Garden, at Hackney, some years since; an exquisitely beautiful nondescript species of Eudryas (*Eu. Sti. Johannis*, Step. MSS.), found in the summer of 1817 or 1818 by the late Mr. D. Bydder, on the door of St. John's Church, Horselydown, Boro', and now in the British Museum General Collection; a pretty North American Pyralis, taken flying, by Mr. H. Doubleday, in his own house, about four years ago; and, probably, a few other unrecorded species, as there appears to be in the British Museum English Collection a species of Gnophos (*Gn. sartata*), which is a native of Dalmatia and the Morea, and therefore not likely to be indigenous.

SYNOPSIS OF SPECIES.

(The *reputed*, *&c.* indigenous species are indicated by a *).

§ RHOPALOCERA.

PAPILIONIDÆ.
Papilio
Machaon
* Podalirius
* Feisthamelii
Gonepteryx
Rhamni
Colias
* Philodoce
* Palæno
* Europome
* Electra
Edusa
* Chrysotheme
* Myrmidone
Hyale
Parnassius
* Apollo
* Mnemosyne
Aporia
Cratægi
* Monuste
Pieris
Brassicæ
Rapæ
Napi
Daplidice
Euchloë
Cardamines
Leucophasia
Sinapis

NYMPHALIDÆ
Arge
Galathea
Lasiommata
Ægeria
Megæra
* Mæra
Hipparchia
Semele
* Briseis
* Phædra
* Hermione
Janira
Tithonus
Enodia
Hyperanthus
Erebia
*? Ligea
Blandina
Cassiope
* Melampus
* Mnestra
Cœnonympha
Davus
* Hero
* Iphis
* Arcanius
Pamphilus
Limenitis
Sibilla
* Camilla
Nymphalis
* Populi
Apatura
Iris
Cynthia
Cardui
* Huntera
Junonia
*Hampstediensis
Araschnia
* Levana
Vanessa
Atalanta
Io
Antiopa
Polychloros
Urticæ

Grapta
C-album
Argynnis
Paphia
*Aphrodite
*Cybele
Aglaia
Adippe
*Niobe
Lathonia
Selene
Euphrosyne
*Dia
Melitæa
Cinxia
*Parthenie
*Maturna
Athalia
Artemis
*Tharos

ERYCINIDÆ
Nemeobius
Lucina

LYCÆNIDÆ
Thecla
*Titus
Betulæ
Pruni
W-album
*Spini
*Ilicis
Quercus.
Rubi
Chrysophanus
Phlæas
*? Virgaureæ
Chryseis
Hippothoë
dispar
Polyommatus
Argiolus
Alsus
Acis
Arion
*Alcon
Corydon
Adonis
*Dorylas
*Icarius

Polyommatus
*Eros
Alexis
*Argus
Ægon
Agestis
Salmacis
Artaxerxes

HESPERIDÆ
Pyrgus
Alveolus
*Malvarum
*Oileus
Nisoniades
Tages
Cyclopides
Paniscus
*Sylvius
Pamphila
Actæon
Linea
Sylvanus
Comma
*Vitellius

§ HETEROCERA.

ZYGÆNIDÆ
Procris
Statices
Globulariæ
Anthrocera
*Scabiosæ
*Meliloti
*Loti
Loniceræ
Trifolii
Filipendulæ
*Hippocrepidis
*Pucedani
SPHINGIDÆ
Smerinthus
ocellatus

Smerinthus
Populi
Tiliæ
Acherontia
Atropos
Sphinx
*Carolina
*5-maculata
Convolvuli
*cingulata
Ligustri
Pinastri
*plebeia
*pœcila
Deilephila
Euphorbiæ

Deilephila
Galii
Livornica
*lineata
Chærocampa
Celerio
*argentata
Porcellus
Elpenor
Daphnis
Nerii

SESIIDÆ
Macroglossa
Stellatarum

Sesia
Fuciformis
Bombyliformis
* Thysbe

ÆGERIIDÆ
Sphecia
Apiformis
Bembeciformis
Trochilium
Vespiforme
* Chrysidiforme
Ichneumoniforme
Cynipiforme
Sphegiforme
Allantiforme
* Muscæforme
Tipulæforme
* Stomoxyforme
Myopæforme
Culiciforme
Formicæforme

HEPIALIDÆ
Hepialus
Hectus
lupulinus
Humuli
Velleda
* carnus
sylvinus
Zeuzera
Æsculi
Phragmatæcia
Arundinis
Cossus
ligniperda

NOTODONTIDÆ
Phalera
bucephala
Clostera
* anastomosis
reclusa
Anachoreta
curtula
Cerura
bicuspis
furcula
bifida
* fuscinula
Vinula
* Erminea
Stauropus
Fagi
Notodonta
dromedarius
* Torva
Tritophus
ziczac
Phæosia
dictæa
dictæoides
Lophopteryx
camelina
cucullina
carmelita
Pterostoma
palpina
Ptilophora
plumigera
Drymonia
chaonia
* Querna
Dodonea
Gluphisia
crenata
Diloba
cæruleocephala
Petasia
Cassinea
Peridea
trepida
Endromis
Versicolor

BOMBYCIDÆ
Aglia
* Tau
Saturnia
Pavonia-minor
Lasiocampa
Rubi
Trifolii
Quercus
Periphoba
* Dumeti
Eriogaster
lanestris
Pœcilocampa
Populi
Trichiura
Cratægi
Thaumatopoea
* Processionea
* Pityocampa
Clisiocampa
Castrensis
Neustria
Odonestis
Potatoria
Dendrolimus
Pini
Gastropacha
Quercifolia
* Ilicifolia
* Populifolia
Bombyx
* Mori

ARCTIIDÆ
Lymantria
Monacha
Hypogymna
dispar
Dasychira
fascelina
pudibunda
Demas
Coryli
Orgyia
antiqua
gonostigma

Lælia
cœnosa
Leucoma
Vau-nigrum
Stilpnotia
Salicis
* denudata
Trichetra
* Sparshalii
Euproctis
chrysorrhœa
auriflua
Hypercompa
Dominula
* Hera
Diacrisia
Russula
Arctia
* Matronula
Caja
Villica
* Hebe
* purpurea
* Aulica
Parasemia
Plantaginis
Phragmatobia
fuliginosa
Spilosoma
Menthastri
Papyratia
lubricepeda
Cycnia
mendica
Penthophera
* rubea
* Morio
Sterrhopterix
nigricans
opacella
* Febretta
Thyridopteryx
* plumifera?

Phalacropterix
* muscella
* plumistrella
Psyche
fusca
Fumea
* plumella
* pectinella
* Bombycella
radiella
nitidella
reticella
Nudaria
mundana
senex
Heterogenea
Asellus
Limacodes
Testudo

LITHOSIIDÆ
Callimorpha
Jacobææ
Miltochrista
miniata
Eulepia
grammica
cribrum
Deiopeia
pulchella
Lithosia
aureola
helveola
flava
* depressa
complana
lurideola
griseola
luteola
muscerda
Œnistis
quadra
Atolmis
rubricollis

Cybosia
mesomella
Endrosa
irrorella
* roscida
* aurita

NOCTUIDÆ
Triphæna
orbona
subsequa
Pronuba
interjecta
fimbria
Janthina
Thalpophila
texta
Segetia
xanthographa
* implexa
Rusina
ferruginea
Lytæa
umbrosa
Agathina
Cerapteryx
Graminis
Charæas
cespitis
lutulenta
Æthiops
* nigra
Agrotis
Segetum
* monostigma
* crassa
corticea
valligera
lunigera
* signifera
* sagittifera
* annexa
* subterranea
suffusa
saucia

Agrotis
*? subgothica
obelisca
aquilina
Tritici
* ocellina
cursoria
Ripæ
nigricans
exclamationis
puta
cinerea
Opigena
Fennica
Cœnophila
subrosea
Spælotis
* renigera
cataleuca
* birivia
ravida
pyrophila
distinguenda
* latens
augur
Graphiphora
* candelisequa
baja
brunnea
festiva
Dahlii
Rubi
* punicea
rhomboidea
ditrapezium
triangulum
C-nigrum
depuncta
glareosa
* I-intactum
* musiva
plecta
Cerastia
leucographa
Lycophotia
porphyrea
Semiophora
gothica
Panolis
piniperda
Glæa
rubricosa
Orthosia
instabilis
opima
Populeti
gracilis
munda
stabilis
miniosa
cruda
Lota
macilenta
neglecta
* lævis
congener
hyperborea?
ruticilla
* humilis
Anchocelis
Litura
Pistacina
lunosa
Dasycampa
rubiginea
Orrhodia
Vaccinii
Ligula
erythrocephala
Eupsilia
Satellitia
Amphipyra
pyramidea
Scotophila
Tragopogonis
* tetra
Nænia
typica
Dypterygia
Pinastri
Aporophyla
australis
Lithomoïa
Solidaginis
Xylina
pulla
conspicillaris
semibrunnea
petrificata
rhizolitha
putris
Calocampa
exoleta
vetusta
Xylophasia
lithoxylea
sublustris
polyodon
rurea
* lateritia
hepatica
scolopacina
Syma
* hirticornis
Hyppa
rectilinea
Hydræcia
leucostigma
Apamea
nictitans
Unanimis
didyma
ophiogramma
Miana
strigilis
furuncula
literosa
fasciuncula
* Pulmonaris
Celæna
Haworthii
* renigera

Hama
basilinea
testacea
Ypsilon
connexa
sordida
* aliena
furva
Brythis
* Pancratii
Crymodes
Templi
Euplexia
lucipara
Mamestra
Persicariæ
Pisi
* splendens
oleracea
suasa
Chenopodii
nigricans
albicolon
Brassicæ
Hadena
*? arctica
* amica
satura
assimilis
adusta
Thalassina
Genistæ
contigua
gemina
dentina
glauca
* Plasteadii
Protea
* distans
* Commelinæ
Xylocampa
Lithoriza
Neuria
Saponariæ
Heliophobus
Popularis
hispidus
Dumerilii
Pachetra
leucophæa
Dianthecia
Cucubali
Capsincola
perplexa
* Echii
* cæsia
* compta
albimacula
conspersa
Eremobia
ochroleuca
Polia
Chi
serena
dysodea
flavicincta
Eumichtis
Lichenea
Chariptera
* polymita
Eurois
advena
tincta
occulta
nebulosa
herbida
Trachea
Atriplicis
Hapalia
præcox
Diacopa
* Celsia
Agriopis
Aprilina
Valeria
oleagina
Miselia
Oxyacanthæ
Miselia
*? bimaculosa
* anceps
Thyatira
batis
derasa
Calopistria
* Pteridis
Diphtera
Orion
* ludifica
Triæna
Psi
tridens
* cuspis
Acronycta
Ligustri
Alni
strigosa
auricoma
Menyanthidis
Rumicis
Salicis
Euphorbiæ
* Euphrasiæ
megacephala
Apatela
Aceris
Leporina
Bryophila
glandifera
Perla
Ceratopacha
fluctuosa
duplaris
diluta
Or
ocularis
flavicornis
ridens
Cleoceris
Viminalis
Eugramma
Oo

Ipimorpha
subtusa
retusa
Cosmia
Pyralina
diffinis
affinis
Euperia
trapetzina
fulvago
Xanthia
cerago
flavago
gilvago
aurago
citrago
* fimbriago
Jodia
croceago
Orbona
rufina
ferruginea
Atethmia
centrago
* ambusta
Scoliopteryx
Libatrix
Gortyna
flavago
micacea
Petasitis
* luteago
Mythimna
turca
conigera
Lythargyria
* albipuncta
* imbecilla
Meristis
Quercus
bilinea
Caradrina
blanda
* Alsines
Caradrina
* Plantaginis
Morpheus
cubicularis
exigua
Acosmetia
caliginosa
arcuosa
Stilbia
Anomala
Senta
Ulvæ
flammea
Cœnobia
rufa
Nonagria
fulva
extrema
Hellmanni
neurica
geminipuncta
Cannæ
Typhæ
crassicornis
Leucania
pudorina
impura
Comma
littoralis
obsoleta
straminea
* punctilinea
pallens
* unipuncta
Calamia
Phragmitidis
Simyra
venosa
* nervosa
Oria
musculosa
Phlogophora
meticulosa
Cucullia
Verbasci
Scrophulariæ
Lychnitis
* Thapsiphaga
* Prænanthis
Asteris
Gnaphalii
Absinthii
Umbratica
* Tanaceti
* Lactucæ
* lucifuga
Chamomillæ
*? Artemisiæ
Periphanes
Delphinii
Calophasia
Linariæ
Cleophana
* De Jeanii
Actinotia
perspicillaris
Abrostola
Urticæ
triplacea
* Asclepiadis
Euchalcia
illustris
Plusia
Iota
pulchrina
* bimaculata
interrogationis
Gamma
* circumflexa
* confusa
* chalcytis
* aurifera
chrysitis
orichalcea
Bractea
Festucæ
* biloba

Heliothis
marginata
armigera
peltigera
scutosa
dipsacea
* Ononis
Anarta
Myrtilli
cordigera
melanopa
Panemeria
Arbuti
Acontia
luctuosa
*? Solaris
* Caloris
* aprica
* nigrirena
Euphasia
* catæna
Emmelia
sulphuralis
Hyela
uncana
Bankiana
Eromene
ostrina
Trothisa
* minuta
*? Haworthana
Erastria
venustula
fuscula
* apicosa
Prothymia
ænea
Ophiusa
* lusoria
Pastinum
* ludicra
* crassiuscula
Ophiodes
lunaris
Ophiodes
* grandirena
Scopelopus
* inops
Catephia
* leucomelas
* trifasciata
Mormo
Maura
Catocala
Fraxini
Nupta
* Elocata
* Pacta
sponsa
promissa
* conjuncta
Brephos
Parthenias
* puella
notha
Euclidia
glyphica
Mi
* triquetra

GEOMETRIDÆ

Torula
* alpinata
Psodos
trepidaria
Dasydia
torvaria
Speranza
limbaria
brunneata
Eupisteria
carbonaria
Fidonia
atomaria
plumaria
Rhyparia
* melanaria
Halia
Wauaria
Bupalus
Piniarius
Mæsia
favillacearia
Alsophila
Æscularia
Anisopteryx
leucophæaria
Erannis
progemmaria
aurantiaria
defoliaria
Phigalia
pilosaria
Nyssia
hispidaria
Zonaria
Biston
hirtarius
Betularius
prodromarius
Himera
pennaria
Hypsoropha
* monilis
Crocallis
elinguaria
Odontopera
bidentata
Odoptera
Alniaria
Tiliaria
erosaria
fuscantaria
angularia
lunaria
illustraria
illunaria
Pericallia
Syringaria
Angerona
Prunaria

Opistograptis
Cratægata
Ourapteryx
Sambucaria
Eudalimia
margaritaria
Ellopia
fasciaria
Geometra
Papilionaria
Jodis
vernaria
Pseudoterpna
Cythisaria
Euchloris
Smaragdaria
Comibæna
bajularia
Cleora
Lichenaria
viduaria
glabraria
cinctaria
Parascotia
fuliginaria
Tephronia
corticaria
Alcis
Roboraria
consortaria
Abietaria
repandata
rhomboidaria
Hemerophila
abruptaria
Boarmia
extersaria
consonaria
crepuscularia
Laricaria
punctularia
Charissa
obfuscata
* dilucidaria
Charissa
* operaria
* serotinaria
Gnophos
* sartata
pullata
obscurata
Anagoge
pulveraria
Cabera
pusaria
rotundaria
exanthemata
Aleucis
pictaria
Ephyra
* albiocellaria
omicronaria
orbicularia
pendularia
porata
punctaria
trilinearia
Stegania
* dilectaria
Bradyepetes
amataria
Epione
apiciaria
vespertaria
advenaria
Plagodis
dolabraria
Cleogene
* lutearia
Pellonia
* vibicaria
Aspilates
* purpuraria
citraria
gilvaria
Perconia
strigillaria
Ortholitha
plumbaria
Lozogramma
petraria
Mesogramma
lineolata
Celma
imbutata
Anaitis
plagiata
*? præformata
Eubolia
cervinata
mensuraria
Eusebia
bipunctaria
Erirrobia
multistrigaria
Venusia
cambrica
Coremia
didymata
Salicata
ferrugata
unidentaria
Ligustrata
fluctuata
montanata
olivata
miaria
propugnata
munitata
Electra
Sagittata
Chenopodiata
Populata
Achatinata
Pyraliata
marmorata
Harpalyce
fulvata
ocellata
Galiata
picata
Corylata
Silaceata

Steganolophia
Prunata
Lampropteryx
suffumata
badiata
Anticlea
Berberata
rubidata
derivata
sinuata
Aplocera
cæsiata
flavicinctata
*polata
Chloroclysta
miata
Psittacata
Hydriomena
impluviata
elutata
Polyphasia
russata
immanata
Thera
Juniperata
variata
simulata
firmaria
Cheimatobia
rupicapraria
brumata
boreata
Oporabia
dilutata
neglectata
autumnaria
filigrammaria
Acasis
viretata
Lobophora
polycommata
lobulata
hexapterata
sexalisata

Eupithecia
togata
Linariata
pulchellata
rectangulata
coronata
debiliata
pumilata
rufifasciata
pusillata
Begrandaria
plumbeolata
palustraria
Callunaria
subumbrata
subnotata
castigata
subfasciata
austerata
Sobrinata
exiguata
abbreviata
innotata
lanceolaria
tenuiata
minutata
elongata
indigata
nanata
piperata
centaureata
succenturiata
cognata
subfulvata
irriguata
consignata
venosata
Pachycnemia
Hippocastanaria
Eucestia
obliquata
Spartiata
Phibalapteryx
tersata

Phibalapteryx
Vitalbata
lignata
polygrammata
Plemyria
gemmata
lapidata
Philerene
Rhamnata
vetulata
Schidax
Sparsaria
Triphosa
certata
dubitata
Camptogramma
bilineata
Calocalpe
undulata
Siona
dealbata
Gypsochroa
*? niveata
Abraxas
Grossulariata
pantaria
Ulmata
Venilia
maculata
Corycia
punctata
taminata
Melanippe
hastata
Melanthia
tristata
Alchemillata
rivata
amniculata
*turbata
Mesoleuca
adustata
albicillata
procellata

Mesoleuca
rubiginata
Emmelesia
rivulata
hydrata
decolorata
*sericeata
albulata
Blandiata
ericetata
tæniata
bifasciata
unifasciata
Cosmorhoe
rusticata
*filicata
Hyria
auroralis
Minoa
Euphorbiata
Odezia
Chærophyllata
Lomaspilis
marginata
Ptychopoda
reversata
bisetata
scutulata
ornata
*decorata
*limboundata
*contiguaria
*incanata
*dilutaria
immutaria
virgularia
Emmiltis
rubricata
Acidalia
osseata
marginepunctata
obsoletaria
*pallidaria
perochraria
Acidalia
holosericearia
subsericeata
inornata
degeneraria
aversata
remutata
cæspitaria
*rupestrata
fumata
*immorata
Strenia
clathrata
Euchœca
heparata
Hydrelia
sylvata
Blomeri
Asthena?
luteata
candidata
Nemoria
viridata
*? cloraria
Thalera
Æstivaria
putata
Timandra
imitaria
exemptaria
emutaria
Macaria
notata
alternata
liturata
*unipunctata
Ania
emarginata
*limbata
Ennomos
flexula

PLATYPTERICIDÆ
Platypteryx
Lacertinaria
Drepana
falcataria
sicula
hamula
unguicula
*fasciata
Cilix
compressa

PYRALIDÆ
Hypena
proboscidalis
rostralis
*obesalis
*palpatus
crassalis
Æthia
*emortualis
Macrochila
cribralis
Polypogon
barbalis
Paracolax
tarsicrinalis
nemoralis
derivalis
Colobochila
Salicalis
Synapha
angustalis
Cledeobia
albistrigalis
costæstrigalis
Hypenodes
humidalis
Camptylochila
*undulalis
*bistrigalis
Aglossa
pinguinalis
cuprealis
*dimidialis
Pyralis
farinalis

Pyralis
* pictalis
glaucinalis,
* marginatus
Hypsopygia
costalis
Agrotera
flammealis
Dolycharthria
punctalis
Diasemia
literalis
Hydrocampa
Potamogata
Nympheata
* magnificalis
Lemnata
Parapoynx
Stratiotata
Eudioptis
* lucernalis
Phlyctænia
Sambucalis
Eurrhypara
Urticata
Ebulea
Verbascalis
crocealis
Nascia
cilialis
Udea
ferrugalis
Mecyna
asinalis
Nomophila
noctuella
Epischnia
* diversalis
Botys
verticalis
*? perpendiculalis
pandalis
* pallidalis
* ochrealis
hyalinalis
flavalis
silacealis
lancealis
fuscalis
terrealis
Psamotis
* pulveralis
Epicorsia
cinctalis
Sitochroa
palealis
Rivula
sericealis
Mesographe
forficalis
Evergestis
margaritalis
Pionea
stramentalis
Spilodes
sticticalis
Scopula
ætialis
Scopula
* lutealis
* institalis
* fulvalis
olivalis
Prunalis
alpinalis
* nebulalis
Cynæda
dentalis
Rhodaria
sanguinalis
Pyrausta
purpuralis
ostrinalis
punicealis
* Porphyralis
cespitalis
* fascialis
* rufofascialis
Ennychia
cingulata
anguinalis
Anania
octomaculata
Simaëthis
Fabriciana
pariana
angustana
Nola
cristulalis
strigula
cuculatella

INDEX.

A.

Abbacus, Pap. 15
abbreviata, Eupi. 203
,, Noct. 93
,, Phal. 215
abbrevina, Noct. 93
Abietaria, Alcis, 173
,, Boar. 175
,, Geom. 173, 175
,, Teph. 175
abjecta, Noct. 102
ABRAXAS, 211, 218
ABROSTOLA, Geom. 174
abruptaria, Heme. 174
,, Heme. 174
Absinthiata, Eupi. 204
,, Phal. 204
Absinthii, Cucu. 140
,, Phal. 140
Acæna, 168
ACANTH, 198
Aceraria, Phal. 158
Aceris, Acro. 117
,, Apat. 117
,, Phal. 117
,, Ptil. 42
Achatalis, Pyra. 231
Achates, Noct. 103
Achatia, 80
achatinata, Elec. 190
,, Geom. 190
ACHERONTIA, 26
Achilleæ, Sphinx, 264
ACIDALIA, 13, 212, 219, 221, 258, 303
Acis, Pap. 18, 19
,, Poly. 19
ACONTIA, 148, 293
Acosmetia, 132, 134
Acreon, Hesp. 262
Acronycta, 114, 118, 145, 287
Acrosema, 37
Actebia, 112
Actinotia, 142
Actæon, Hesp., 22
,, Pamp. 22
,, Pap. 22
Adactylotis, 179
Adippe, Argy. 13
,, Pap. 13
Adonis, Pap. 19, 20
,, Poly. 19
advena, Euro. 111
,, Noct. 111
,, Polia, 111
advenaria, Epione, 181
,, Phal. 181
adusta, Hade. 103
,, Noct. 103
adustata, Geom. 214
,, Meso. 214
,, Xere. 214
Æacus, Sphinx, 264
ÆDIA, 148, 295
ÆGERIA, 31
Ægeria, Lasi. 6
,, Pap. 6
Ægon, Pap. 20
,, Poly. 20
Æmilia, Pap. 10
æmula, Phal. 144
ænea, Noct. 151
,, Phyt. 151
,, Prot. 151
æqua, Agro. 70
,, Noct. 70
ærata, Noct. 96
æriferâ, Noct. 144
æruginaria, Phal. 169
Æscularia, Also. 160
,, Anis. 160
,, Geom. 160
Æsculi, Phal. 36
,, Zeuz. 36
Æstivaria, Geom. 225
,, Thal. 225
ætialis, Scop. 244
Æthiops, Arctia, 53
,, Char. 68
,, Miana, 96
Æthiops, Noct. 68, 96
,, Pap. 9
Æthiops-minor, Pap. 9
Æthria, 105, 109, 305
Ætialis, Scop. 244
Ætnæalis, Asopia, 236
affiniaria, Phal. 181
affinis, Agro. 69
,, Cosm. 123
,, Noct. 123
,, Phal. 123
affinitata, Emme. 216
,, Phal. 198
Agathina, Cher. 67
,, Lyta, 67
Agathon, Poly. 261
Agestis, Pap. 20, 21
,, Poly. 20
Aglaia, Argy. 13
,, Pap. 13
Aglais, 11
Aglaope, 24
AGLIA, 270
AGLOSSA, 234, 306
Agrestaria, Hemi. 170
Agriades, 19, 261
AGRIOPIS, 112, 160
Agrius, 27, 265
Agrochola, 85
Agronoma, 67, 73, 277
Agrophila, 149
AGROTERA, 235, 236
Agrotera, Pap. 259
Agrotes, 68
AGROTIS, 68, 69, 277
Agrotoides, Anch. 86
Airæ, Noct. 132
albidalis, Pyra. 245
albicaudata, Phal. 4
albicillata, Meso. 215
,, Phal. 215
,, Xere. 215
albicinctata, Cabe. 208
,, Phal. 208
albicollis, Noct. 148
albicolon, Agro. 68

albicolon, Mamc. 102
,, Noct. 102
albidilinea, Erast. 151
,, Mame. 102
,, Noct. 102
albilinea, Mamc. 102
,, Noct. 71, 102
,, Phyt. 151
albimacula, Dian. 108
,, Lyttæa, 67
,, Misol. 108
,, Phal. 108
albineura, Episema, 67
albiocellaria, Ephy. 209
,, Geom. 209
albipuncta, Myth. 288
,, Noct. 288
albipunctata, Phal. 179
albirena, Noct. 147
albistrigalis, Cled. 233
albistrigatus, Cram. 233
alboator, Noct. 293
alboerenata, Etec. 192
albovenosa, Noct. 138
alboviridaria, Geom. 188
alboviridata, Phal. 188
albulata, Emmc. 216
,, Geom. 216
,, Phal. 225
Alcæa, Pap. 262
Alchemillata, Geom. 187, 214
,, Mela. 214
,, Phal. 214, 216
Alcis, 173
Alcippe, Poly. 20
Alcon, Pap. 19, 261
,, Poly. 261
Alcyone, Hipp. 255
,, Pap. 9, 255
Aletia, 128
Aleucis, 178
Alexis, Pap. 8, 20, 21
Algæ, Noct. 135
alicua, Huma, 99, 282
,, Noct. 282, 289
Allantiforme, Troch. 32
Alni, Acro. 113
,, Phal. 115
Alniaria, Geom. 165, 166
,, Odop. 165
,, Phal. 165
Alopecurus, Noct. 93
alpicola, Phal. 54
alpina, Agro. 84
,, Noct. 289
alpinalis, Marg. 245
,, Pyra. 245
,, Scop. 245
alpinata, Geom. 207
,, Psod. 207
,, Toru. 207
Alsines, Caræd. 130, 289
Alsipes, Noct. 289
,, Phal. 289
Alsophila, 160, 206
Alsus, Pap. 19, 20
,, Poly. 19
alternalis, Asop. 248
alternata, Geom. 227
,, Maca. 227
Althea, Pap. 21
Alveolus, Pap. 21
,, Pyrgus, 21
,, Thym. 21
Amandus, Pap. 261
Amaryllis, Pap. 8
Amaryllus, Pap. 9
Amaryssus, 1
Amata, Phal. 180
amataria, Brad. 180
,, Phal. 180
Amathia, 199
amatorio, Phal. 180
ambigua, Carad. 130
,, Noct. 130, 289
ambusta, Aceth. 287
,, Noct. 287
Amica, Hade. 102, 283
Amiralis, 11
ammiralis, Pap. 11
ammiculata, Geom. 214
,, Mela. 214
Amœbe, 188, 192, 193
amœnata, Poly. 196
Amphipyra, 87
Amphidasis, 161, 162
Amphidasys, 161
Amymas, Pap. 256
Anachoreta, Bomb. 38
,, Clost. 38
Anadoge, 177
Anaitis, 184
Anania, 247
Anarta, 146
anastomosis, Clost. 37, 208
,, Phal. 37, 208
anceps, Mame. 99
,, Mise. 285
,, Noct. 99, 104
Anchocelis, 84, 310
ancipitata, Acid. 209
Andreæniforme, Troch. 32
Androgea, Noct. 284
anella, Senta, 133
Angerona, 167
anguinalis, Emmy. 247
,, Pyra. 247
angulago, Noct. 124
angularia, Geom. 165, 166, 171
,, Odop. 165
angulatus, Hepi. 35
angulum, Hepi. 35
angusta, Bomb. 81
angustalis, Cled. 233
angustalis, Marg. 241
,, Pyra. 233, 241
,, Syna. 233
angustana, Sima. 248
,, Tortrix, 248
angustata, Eupi. 204
,, Phal. 208
,, Phib. 208
Ania, 227, 304
Anisopteryx, 160
annexa, Agro. 278
annulata, Geom. 178
,, Noct. 108
anomala, Phyt. 133
,, Stil. 133
anomalata, Phal. 206
,, Stil. 133
Anoplia, 295
Anteos, 2
Anthocelis, 84
Anthocharis, 5
Anthophila, 150, 151, 248
anthracinaria, Geom. 177
Anthirocera, 24
Anthyale, Pap. 252
Anticlea, 193
Antiopa, Pap. 12
,, Vane. 12
Antiope, Vane. 12
antiqua, Orgyia, 50
,, Phal. 50, 51
Antirrhinaria, Eupi. 200
Antitypa, 109
Apamea, 94, 95, 104, 132
aparinata, Geom. 214
Apatela, 117
Apatura, 10
Apaturia, 10
aperta, Noct. 105
Aphrodite, Argy. 258
,, Pap. 258
apiciaria, Epion. 180
,, Geom. 180
apicosa, Erast. 294
,, Phyt. 294
Apiformæ, Troch. 30
Apiformis, Spiecia, 30
,, Sphinx, 30
Apiecta, 100, 110
Aplocera, 194, 301
Apochemia, 161, 162
Apoda, 58
Apollo, Dor. 253
,, Pap. 253
,, Parn. 253
Aporia, 3, 254
Aporophila, 89
Aporophyla, 89
apparens, Phal. 51
approximans, Noct. 130
approximaria, Geom. 178
aprica, Acon. 293
,, Noct. 293

Aprilina, Agrio. 112
,, Misc. 112
,, Noct. 114
,, Phal. 112
apteraria, Geom. 190
Aquila, Apam. 93
aquilina, Agro. 71
,, Noct. 71
,, Phal. 103
Arabica, Phal. 149
Aragonia, 206
ARASCHNIA, 258
Arbuti, Noct. 147
,, Panem. 147
Arcania, Pap. 256
Arcanius, Cœno. 256
,, Hipp. 256
,, Pap. 256
Arcas, Pap. 261
Archicaris, 154
ARCTIA, 53, 54, 272
arctica, Hade. 102
Arctomyscis, 116, 117, 287
Arctornis, 51
Arcturus, 272
arcualis, Pyra. 239
arcuata, Cerura, 39
,, Leuc. 138
arcuina, Noct. 132
arcuosa, Acos. 132
,, Phyt. 132
arcuina, Noct. 117
areola, Noct. 105
arenosaria, Geom. 178
areolaria, Geom. 207
Arete, Pap. 8
ARGE, 6
argentalis, Phal. 236
argentata, Cher. 266
,, Deile. 266
,, Sphinx, 266
argentea, Noct. 141
argenticollis, Pap. 14
argentina, Noct. 111
argentula, Noct. 150
Argiades, Hesp. 261
,, Pap. 262
Argiolus, Pap. 18, 19
,, Poly. 18
Argus, Pap. 20, 261
,, Poly. 20, 261
argusaria, Ephy. 299
ARGYNNIS, 13, 14, 258
Argyritis, 141
Argyrognoma, Pap. 262
Argyronome, 13, 258
Argyrostrotis, 150
Arise, Noct. 104
Arion, Pap. 19
,, Poly. 19
armigera, Heli. 146
,, Noct. 146
Arrhostia, 220, 221, 302
Artaxerxes, Hespe. 21
,, Poly. 21
Artemis, Meli. 15
,, Pap. 15
Artemisiæ, Cucu. 141
,, Noct. 141
Arundinicola, Nona. 134
Arundinis, Bomb. 36
,, Noct. 134, 135, 136
,, Zeuz. 36
Asclepiadis, Abro. 291
,, Noct. 143, 291
Asella, Bomb. 57, 58
Asellus, Heter. 57
Asema, 138
Ascotis, 299
Asiliformis, Ægeria, 31
,, Sphinx, 31, 32
asinalis, Marg. 240
,, Mecina, 240
,, Pyra. 240
ASOPIA, 235, 236
ASPILATES, 181, 300
Asphalia, 119
assimilans, Phal. 76
assimilis, Hade. 103
Asteris, Cucu. 140
,, Noct. 140
Asteroscopus, 43, 89
ASTHENA, 222, 224
Astilotes, 154, 296
Astrapetis, 102, 283
Astrarche, Pap. 21
Astriotes, Phal. 148
Atalanta, Pap. 11
,, Vane. 11
ATETHMIA, 127, 287
Athalia, Melit. 15
,, Pap. 15, 259
Athene, Pap. 255
Athetis, 131, 132
ATOLMIS, 63
atomaria, Fido. 158
,, Phal. 158, 163, 167
atomata, Phal. 157
atomina, Noct. 138
atra, Bomb. 275,
atralis, Pyra. 247
atrata, Phal. 218
Atriplicis, Phal. 112
,, Trac. 112
atrofasciata, Harp. 192
Atropos, Acher. 27
,, Sphinx, 27
Attacus, 45
Atychia, 24
Atypha, 109, 281
Avellanæ, Bomb. 47
Aventia, 228
aversata, Acid. 222
,, Phal. 222
Augiades, 23, 263
augur, Grap. 76
,, Noct. 76, 152
,, Spæl. 76
aulica, Arctia, 273
,, Bomb. 273
,, Phal. 273
aurago, Noct. 125
,, Xant. 125
aurantia, Lith. 61
,, Noct. 61
aurantiago, Phal. 126
aurantiaria, Eran. 161
,, Geom. 161
aureola, Bomb. 61
,, Lith. 61
auricoma, Acro. 116
,, Noct. 116
auricula, Noct. 94
aurifera, Noct. 292
,, Plusia, 292
auritilua, Bomb. 52
,, Eupr. 52
,, Port. 52
aurita, Endr. 276
,, Noct. 276
auroralis, Hyria, 217
,, Pyra. 217
aurorana, Geom. 157, 217
,, Hyria, 217
aurosignata, Phal. 144
Aurotis, 16
austera, Noct. 75
austerata, Eupi. 203
,, Geom. 203
australaria, Alcis, 174
australis, Apor. 89
,, Xylin. 89
Autographa, 143, 291
autumnalis, Agro. 68
autumnaria, Lare. 198
,, Opor. 198
Axylia, 91
Azinephora, 177

B.

badiata, Geom. 193
,, Lamp. 193
baja, Grap. 76
,, Noct. 76
bajularia, Cleo. 170
,, Comi. 170
,, Geom. 170, 226
Baltica, Agrot. 72
Bankiana, Eras. 150
,, Hyel. 150
,, Pyra. 150, 230
Bapta, 212
Baptria, 218
Barathra, 102
barbalis, Para. 232
,, Pechi. 232

barbalis, Phal. 232
,, Poly. 232
barbara, Noct. 146
basilinea, Hama, 98
,, Noct. 98
Bathyerga, Noct. 136
batis, Phal. 113
,, Thya. 113
Bebroptera, 25
Begrandaria, Eupi. 201
,, Lare. 201
Belgiaria, Geom. 159
bella, Grap. 77
,, Phal. 77
Bellargus, Pap. 20
Bombecia, 31
Bombeciformo, Troch. 31
Bembeciformis, Sphe. 31
,, Sphinx, 31
Bongalensis, Noct. 292
Berberata, Anti. 193
,, Geom. 193
,, Phal. 193
Betulæ, Pap. 16
,, Thecla, 16
Betularia, Phal. 163
Betularius, Bist. 163
biangulata, Harp. 191
,, Phal. 191
biannularis, Orth. 81
bidens, Ceru. 39
bidentata, Odon. 164
,, Phal. 164
bicinctus, Sphinx, 267
bicolor, Noct. 109, 110
bicolorata, Phal. 109, 215
bicoloria, Phal. 90
bicrurris, Phal. 108
bicuspis, Bomb. 38
,, Ceru. 38, 39
,, Phal. 38
bifasciata, Emmo. 217
,, Phal. 217
bifasciosa, Phyt. 109
bifida, Bomb. 39
,, Coru. 39, 209
bifidaria, Geom. 164
bigramma, Noct. 75
bilinea, Cara. 130
,, Gram. 130
,, Meri. 130
,, Noct. 130
bilineata, Camp. 210
,, Phal. 210
bilineatus, Bomb. 47
biloba, Noct. 96
,, Plusia, 202
bilobina, Noct. 96
bilunaria, Geom. 166
bimaculata, Bapta, 212
bimaculata, Phal. 212
,, Plusia, 201
bimaculatus, Bomb. 82
bimaculosa, Misc. 113
,, Noct. 111, 113
,, Phal. 113
,, Polia, 111
,, Italica, Noct. 113
binaria, Phal. 229
binotata, Bomb. 119
binubeculosa, Noct. 113
binumerica, Lith. 63
biobliqualis, Pyra. 234
bipuncta, Phal. 119
bipunctaria, Euse. 185
,, Geom. 185
,, Laron. 185
bipunctata, Tort. 133
birivia, Grap. 279
,, Noct. 279
,, Phal. 79
,, Spæl. 279
bisetata, Phal. 219
,, Ptyc. 219
BISTON, 162
bistortata, Phal. 175
bistrigalis, Camp. 305
bistrigata, Phal. 201
Bithys, 17
biundularia, Geom. 175
,, Phal. 175
blanda, Cara. 130
,, Noct. 130
Blandiata, Emmo. 216
,, Geom. 216
Blandina, Ereb. 8
,, Hipp. 8
,, Orci. 8, 9
,, Pap. 8
Blattariæ, Cucu. 290
Blomeri, Emmo. 224
,, Hydr. 224
,, Melan. 224
BOARMIA, 172, 173, 174
Boletobia, 172
Bombella, Bomb. 276
Bombycalis, Pyra. 233
Bombycata, Phal. 207
Bombycia, 121
Bombycella, Fumba, 56, 276
,, Psycho, 276
,, Tinea, 276
Bombyliformis, Sesia, 30
,, Sphi. 30
BOMBYX, 44, 45, 271
Bomolocha, 231
borealis, Scop. 242
,, Xyli. 93
boreata, Cheim. 198
,, Etec. 198
,, Geom. 198
BOTYS, 233, 238, 240, 307
Brachionycha, 43
Brachionyx, 43
Brachyglossa, 26
Bractea, Noct. 145
,, Plus. 145
BRADYPŒRTES, 180, 299
Bradypœrina, Acro. 118
,, Noct. 118
Brassicæ, Mame. 102
,, Noct. 102
,, Pap. 4
,, Phal. 102
,, Pieris, 4
,, Pontia, 4
Brecciæformis, Noct. 284
Brepha, 154
BREPHOS, 154, 296
Briseis, Hipp. 254
,, Pap. 254
Brithys, 68, 277
Brontes, Pap. 22
Brotis, 72
brumata, Cheim. 197
,, Phal. 197
brunnea, Grap. 76
,, Noct. 76
brunneago, Noct. 288
brunneata, Geom. 157
,, Sper. 157
Bryoniæ, Pieris, 4
BRYOPHILA, 118
BRYTHIS, 282
bucephala, Phalæ. 37
,, Phale. 37
,, Pygæra, 37
Bucephalus, Pamp. 263
Bufo, Bomb. 58
BUPALUS, 159
bupleuraria, Phal. 168

C.

CABERA, 177, 182, 212
Cabira, 177
cæruleocephala, Diloba 43
,, Disp. 43
,, Epis. 43
,, Phal. 43
cæsia, Dinn. 284
,, Noct. 284
cæsiata, Aplo. 194
,, Geom. 194
cespitaria, Acid. 223
Caja, Arctia, 53
,, Phal. 53
CALAMIA, 135, 138
C.-album, Grap. 12
,, Pap. 12
,, Vano. 12
Calcatrippe, Noct. 106
Calethis, Poly. 19
Caliginosa, Acos. 132
,, Bomb. 69
,, Noct. 132

Calistega, 155
Callænia, 141, 290
Calleida, 113
Calliergis, 88, 96
Calligenia, 59
CALLIMORPHA, 52, 59, 272
Calliopis, Lycæ. 262
Callopis, 59
Callunæ, Lasi. 46
Callunaria, Eupi. 202
CALOCALPE, 210
CALOCAMPA, 91
Calophasia, 142
CALOPISTRIA, 286
Caloris, Acontia, 148
" Noct. 148
Calospilos, 211
Calostigia, 215, 301
Calotænia, 285
Calothysanis, 180, 226
Calpe, 127
calvella, Psyche, 56
Calybe, Vane. 257
Calymnia, 123
Calyptra, 127
cambrica, Venusia, 186
camelina, Bomb. 41
" Loph. 41
Camilla, Lime. 10, 256
" Pap. 10, 256
Campæa, 168
CAMPTOGRAMMA, 209
CAMPTYLOCHILA, 305
canaria, Geom. 165
" Noct. 85
cancellaria, Geom. 224
candelisequa, Grap. 77, 279
" Noct. 117, 279
candida, Pap. 5
candidata, Arth. 225
" Emme. 225
" Geom. 225
canicularis, Pap. 2
Canna, Nona, 135
Caprææ, Noct. 122
Caprealis, Agloss. 234
" Pyra. 234
capreolaria, Geom. 161
" Hybe. 161
capreolatus, Cram. 235
Capsincola, Dian. 108
" Hade. 108
" Noct. 108
capuzina, Bomb. 41
" Phal. 41
CARADRINA, 84, 130, 132, 280, 289
carbonaria, Eupi. 158
" Geom. 158, 172, 177
" Phal. 158
carbonea, Noct. 73
Carcharodus, 262
Cardamines, Anth. 5
" Euch. 5
" Pap. 5
" Pont. 5
Cardui, Cynt. 11
" Hesp. 21
" Pap. 11
carmelita, Bomb. 41
" Loph. 41
carna, Bomb. 268
carnus, Hepi. 35, 208
Caroletta, Pap. 13
Carolina, Sphinx, 265
Carpini, Bomb. 45
" Psyche, 56
Carpiniaria, Geom. 166
carpophaga, Phal. 108
Carsia, 183, 184
Cassiata, Laro. 184
Cassinea, Bomb. 43
" Peta. 43
Cassiope, Erebia, 9
" Hipp. 9
" Pap. 9
castanea, Bomb. 36
" Noct. 86
castigata, Eupi. 202
" Geom. 202
castrensis, Clis. 47
" Lasi. 47
" Phal. 47
catæna, Euph. 293
" Noct. 293
catænata, Noct. 126
catænatus, Bomb. 69
Cataclysta, 237
cataleuca, Noct. 74
" Sphæ. 74
Catalaunalis, Boty. 239
Catascia, 176, 298
CATEPHIA, 295
CATOCALA, 153, 295
Catocalla, 153
Catograpta, 159
Catophaga, 4
Catoxanthia, 154
CELÆNA, 97, 282
celatina, Noct. 111
Celerio, Chær. 28
" Deile. 28
" Sphinx, 28
CELMA, 183
Celsia, Calo. 285
" Diac. 285
" Noct. 285
" Phal. 285
Centaureata, Eupi. 205
" Geom. 205
centrago, Atet. 127
" Noct. 127
" Xant. 127
centrata, Phal. 224
centrostrigalis, 241
centumnotata, Phal. 196
" Poly. 196
Cephanodes, 30
Cepphis, 181, 227
cerago, Noct. 124
" Xant. 124
CERAPTERYX, 67
Cerasi, Noct. 82
CERASTIA, 79
Cerastis, 79, 80, 86
CERATOPACHA, 119
Cerigo, 65
Ceronus, Pap. 20
Ceropacha, 119
certata, Acid. 209
" Geom. 209
" Trip. 209
cervina, Noct. 79
cervinata, Eubo. 184
" Geom. 184, 209
" Lare. 184
" Trip. 209
CERURA, 38, 268
cespitalis, Pyral. 247
" Pyrau. 247
cespitis, Chær. 68
" Noct. 68
CHÆROCAMPA, 28, 266
Chamophyllata, Minoa, 218
" Odezia, 218
" Phal. 218
chalcytis, Noct. 292
" Phal. 292
" Plusia, 292
chalybeata, Geom. 191
Chamomillæ, Cuca. 141
" Noct. 141
Chaonia, 42
Chaonia, Bomb. 42
" Dimo. 42
" Drym. 42
characterea, Noct. 93
" Xylo. 93
CHARÆAS, 67, 277
Charelia, 146
Charicles, 141
Charicles, Pont. 4
CHARIPTERA, 112, 283
CHARISSA, 176, 298
Charlotta, Pap. 13
CHEIMATOBIA, 197
Chelonia, 53
Chelonias, 57
Chenopodiaria, Geom. 185
" Lare. 185
Chenopodiata, Eleet. 189
" Geom. 185, 189
" Lare. 185
" Phal. 185
Chenopodii, Mame. 101
" Noct. 101

Chera, 99, 279
Chersotis, 79, 278
Chesias, 206
Chi, Phal. 109
,, Polia, 109
Chiasma, 223
Chiloes, 133
Chlorissa, 225
Chloros, Sphinx, 24
chlorosata, Phal. 183
Chlorochroma, 169
CHLOROCLYSTA, 194
Chloroclystis, 200
Choreutes, 248
Chrysanthemi, Noct. 141
Chrysaspidia, 145, 292
Chryseis, Chry. 18
,, Lycæ. 18
,, Pap. 18
Chrysidiforme, Troch. 267
Chrysidiformis, Sphinx, 267
Chrysitis, Phal. 144
,, Plusia, 144
chrysoceros, Phal. 121
Cyrysodeixis, 202
chrysoglossa, Phal. 122
chrysographa, Noct. 94
chryson, Noct. 144
CHRYSOPHANUS, 17
chrysoprasaria, Geom. 169
chrysorrhœa, Bomb. 52
,, Eupr. 52
,, Phal. 52
,, Port. 52
,, Sphinx, 30
Chrysotheme, Colias, 3, 253
,, Pap. 253
chrysostigmatus, Bomb. 73
chrysozona, Phal. 110
Chymatophora, 121
Cidaria, 178, 186, 188
cilialis, Marg. 239
,, Nascia, 239
,, Pyral. 239
CILIX, 230
Cimbiciformis, Sesia, 266
Cimon, Pap. 19
Cinclidia, 15, 259
cincta, Noct. 147
cinctalis, Botys, 242
,, Epic. 242
,, Marg. 242
cinctaria, Cleo. 172
,, Geom. 172
cinctina, Noct. 76
cinerago, Noct. 94
cineralis, Pyral. 242
cineraria, Geom. 160
,, Phal. 171
cinerata, Phal. 302
cinerea, Agro. 74
cinerea, Phal. 74
cinereata, Eupi. 202
,, Ptyc. 219
,, Scot. 209
cinereus, Mamo. 101
cinerina, Bomb. 62
cingulata, Ennyc. 247
,, Phal. 247
,, Sphinx, 265
Cinxia, Meli. 15
,, Pap. 15
circellaris, Phal. 126
circularia, Geom. 167, 179
circumdata, Phal. 157
circumflexa, Noct. 291
,, Phal. 291
,, Plusia, 291
Cirrædia, 127
Cirrhia, 125, 287
citrago, Phal. 125
,, Xant. 125
citraria, Aspi. 182
,, Geom. 182
Citria, 124
citrina, Phal. 109
Clarkiata, Lari. 210
clathrata, Phal. 223
,, Stremia, 223
clavaria, Geom. 184
clavigerus, Bomb. 69
clavifera, Phal. 70
clavipalpis, Phal. 131
clavis, Bomb. 70
Clavus, Phal. 73
CLEDEOBIA, 233
Cleobis, Pap. 18
CLEOCERIS, 121
CLEOGENE, 300
Cleomes, Pieris, 254
CLEOPHANA, 290, 142
CLEORA, 171, 178
CLISIOCAMPA, 47
Cloantha, 88, 89, 142
cloraria, Chlo. 225
,, Geom. 225
,, Hemi. 225
,, Nemo. 225
CLOSTERA, 37, 268
clypeata, Phal. 208
Cnethocampa, 270
C-nigrum, Grap. 78
,, Phal. 78, 80
coccinalis, Pyral. 309
Cocyta, Phyc. 260
Codonia, 179
cœlebs, Noct. 296
CŒNOBIA, 134
Cœnocalpe, 208
CŒNONYMPHA, 9, 256
CŒNOPHILA, 74
cœnosa, Arct. 57
,, Bomb. 57
,, Lælia, 57
cognata, Eupi. 205
,, Phib. 183
COLIAS, 2, 252
collinita, Noct. 82
COLOBOCHYLA, 232
Colocasia, 50
Colotis, 3, 252
Colotois, 164
Colposia, 228
combusta, Noct. 93
,, Xylo. 93
Comes, Noct. 64
Cometa, 115
COMIBÆNA, 170
comitata, Elec. 189
,, Phal. 189
Comma, 12
Comma alba, Vane. 12
commanotata, Phal. 196
,, Poly. 196
Commelinæ, Hade. 284
,, Phal. 284
communifasciata, Phal. 179
complana, Bomb. 61
,, Lith. 61, 62
complanata, Lith. 61
compluta, Bomb. 276
compressa, Bomb. 230
,, Cilix, 230
compta, Dian. 284
,, Mise. 108
,, Noct. 108, 284
,, Phal. 284
concinna, Noct. 77, 108
concinnata, Poly. 196
concolor, Noct. 72
concolorina, Noct. 72
Concubina, Noct. 153
confinaria, Geom. 178
confinis, Char. 68
confluens, Orth. 81
confusa, Phal. 42
,, Plusia, 291
congener, Noct. 84, 137
,, Orth. 84
congeneraria, Geom. 163
coniferata, Hera. 196
conigera, Myth. 129
,, Noct. 129
conjuga, Noct. 296
conjuncta, Cato. 154, 296
,, Hemi. 154
,, Noct. 296
connectaria, Geom. 161
connexa, Hama, 98
,, Noct. 66, 98
connexus, Bomb. 69
Conopia, 33, 267
conscripta, Noct. 144
consequa, Noct. 64
,, Trip. 64
conserta, Noct. 108
consignata, Eupi. 206

consignata, Phal. 206
consimilis, Char. 68
consobrina, Phal. 120
consobrinaria, Alcis, 174
" Geom. 174
" Phal. 173
consonaria, Boar. 175
" Geom. 175
consortaria, Alcis, 173
" Phal. 173
conspera, Dian. 108
" Noct. 108
conspicillaris, Phal. 90
" Xily. 90
conspicua, Phal. 145
conspicuata, Geom. 157
contaminata, Xere. 215
contigua, Hade. 103
" Noct. 99, 103
contiguaria, Geom. 302
" Phal. 163, 220
" Ptye. 220, 302
contracta, Noct. 81
contristata, Phal. 213, 214
conversaria, Alcis, 174
" Geom. 174
Convolvuli, Sphinx, 27, 265
Cora, Hesp. 35
coraciata, Geom. 195
corculata, Phal. 187
cordigor, Arct. 53
cordigera, Anar. 147
" Noct. 147
Coremia, 186
coronata, Eupi. 201
" Geom. 201
Coronillaria, Hemi. 170
coronina, Noct. 115
coronula, Noct. 115
coronulina, Noct. 115
corticalis, Phal. 167
corticaria, Boar. 172
" Geom. 172
" Teph. 172
corticeus, Bomb. 69
corusca, Phal. 122
Corycia, 212
Corydon, Pap. 19
" Poly. 19
Corylaria, Geom. 167
Corylata, Geom. 192
" Harp. 192
Coryli, Domas. 50
" Phal. 50
Coscinia, 60
Cosmia, 122
Cosmorhoe, 101, 217, 302
Cosmotricha, 48
Cossus, 36
Cossus, Bomb. 26
costæstrigalis, Clod. 233
costæstrigata, Loba. 199
costæstrigata, Phal. 199
costæstrigatus, Cram. 233
costalis, Hyps. 235
" Phal. 235
costina, Noct. 85
costovata, Phal. 187
Crabroniforme, Troch. 31
Crabroniformis, Sesia, 267
" Sphinx, 30, 31
Craspedia, 219, 302
crassa, Agro. 277
" Grap. 75
" Noct. 75, 277
crassalis, Hypo. 231
" Phal. 231
crassaria, Phal. 165
crassatus, Cram. 304
crassicornis, Noct. 136
" Nona. 136
crassiuscula, Ophi. 294
" Phyt. 294
Cratægata, Opis. 168
" Phal. 168
" Rumia, 168
Cratægi, Aporia, 3
" Pap. 3
" Pieris, 3
" Phal. 47
" Tric. 47
Crateronyx, 270
crenata, Bomb. 43
" Glup. 43
crenosa, Bomb. 43
crepuscularia, Boar. 175
" Geom. 175
" Teph. 175
cribralis, Macr. 231
" Pyra. 231
cribrum, Eulo. 60
" Phal. 60
cristulalis, Nola, 249
" Pyral. 249
Crocallis, 164
crocea, Phal. 124
croceago, Jodia, 126
" Noct. 126
" Xant. 126
crocealis, Ebulea, 237
" Pyra. 239
croceus, Pap. 3
Crocota, 167
cruda, Noct. 83
" Orth. 83
cruciata, Hetor. 57
cruentalis, Pyra. 246
cruentaria, Phal. 301
cruentata, Phal. 300
Crux, Hep. 35
Crymodes, 99
cubicularis, Cara. 131
" Noct. 131
Cucubali, Dian. 107
" Hade. 107
Cucubali, Noct. 107
Cucullia, Bomb. 41
" Loph. 41
Cucullatella, Noct. 249
" Phal. 249
Cucullia, 139, 200
Cucullina, Bomb. 41
" Loph. 41
Culiciforme, Troch. 33
Culiciformis, Ægeria, 33
" Sphinx, 33, 267
" Troch. 33
cultraria, Phal. 229
" Plat. 228
cuneata, Phal. 102
cuneigera, Agro. 72
" Pap. 15
Cuphanoa, 82, 281
Cupido, 16
cuprealis, Agloss. 235
cuprea, Noct. 143
cuprealis, Aglossa, 234
" Pyra. 234
cursoria, Agro. 72
" Phal. 72
curtalis, Pyra. 233
Curtisii, Trip. 64
curtula, Bomb. 38
" Clost. 38
" Phal. 38
curvula, Falc. 228, 304
cuspidata, Phal. 189
cuspis, Acro. 115, 286
" Noct. 286
" Trimna, 286
Cyaniris, 18
Cybele, Argy. 258
" Pap. 258
Cynosia, 63
Cyclophora, 178
Cyclopides, 22, 262
Cycnia, 55
Cydippe, Pap. 13
Cymatida, 221
Cymatophora, 119, 121, 122
Cymazonita, 184
Cynæda, 245
Cynipiforme, Troc. 32
Cynipiformis, Ægor. 32
" Sesia, 32
" Sphinx, 32
Cynthia, 11, 257
Cynthia; Pap. 259
Cyparissiæ, Noct. 117
Cypriaca, Noct. 128
Cythorea, Ceri. 66
" Noct. 66
Cythisaria, Geom. 170
" Hemi. 170
" Pseu. 170
Cythisi, Sphinx, 25

D.

Dædale, Pap. 254
Dahlii, Grap. 77
„ Noct. 77
Daplidice, Pap. 5
„ Pieris, 5
„ Pont. 5
DAPHNIS, 29
Daphnis, Pap. 258
DASYCAMPA, 86
DASYCHIRA, 49
DASYDIA, 156
Dasysoma, 46
Daucus, Deile. 261
„ Sphinx, 266
Davus, Cæn. 9
„ Hipp. 9
„ Pap. 9
dealbata, Phal. 210
„ Siona, 210
debiliata, Eupi. 201
„ Geom. 201
decolorata, Emmo. 216
„ Geom. 216
decoraria, Pt.? 219, 302
„ Geom. 302
„ Acid. 302
decussata, Phal. 206
defoliana, Eran. 161
„ Hybe. 161
„ Phal. 161
degener, Noct. 115, 138
degenoraria, Acid. 222
„ Geom. 222
degenorata, Geom. 206
„ Phal. 214
De Jeanii, Cleo. 290
DEILEPHILA, 27, 266
Deileptenia, 173, 175
Deilinia, 177
DEIOPEIA, 60
Delia, Pap. 15
Delphinii, Char. 142
„ Peri. 142
„ Phal. 142
delunaria, Geom. 166
demandata, Phal. 228
DEMAS, 50
DENDROLIMUS, 48
denotaria, Eupi. 202
dens-canis, Noct. 101
dentalis, Cynæ. 245
„ Pyra. 245
dentana, Anth. 248
„ Tort. 248
dentaria, Geom. 228
„ Phal. 164, 166
denticulatus, Bomb. 74
dentina, Hade. 104
„ Noct. 104
dentistrigata, Phal. 199
denudata, Stilp. 271
denudatus, Bomb. 271
deplana, Bomb. 61
„ Phal. 62
depressa, Lith. 61, 276
„ Noct. 276
depuncta, Grap. 78
„ Phal. 78, 85
depunctina, Noct. 130
derasa, Phal. 114
„ Thya. 114
derivalis, Para. 232
„ Pyra. 232
derivata, Anti. 194
„ Geom. 194
designata, Phal. 188
Desmophora, 293
despecta, Noct. 134
„ Nona. 134
destrigaria, Aleis, 174
„ Geom. 174
De Syllii, Agro. 72
Devoniaria, Geom. 174
Dia, Argy. 259
„ Meli. 259
„ Pap. 259
Dia-minor, Pap. 259
DIACOPE, 285
DIACRISIA, 53, 144, 292
DIANTHECIA, 107, 284
Diaphania, 307
Diaphone, 46, 47
Diaphora, 55
Diarsia, 76, 280
DIASEMIA, 230
Diataraxia, 94, 99, 101, 282, 283
Dichonia, 105, 283
Dichroma, Noct. 284
Dicranura, 38
dictæa, Leio. 40
„ Phal. 40
„ Phmo. 40
dictæoides, Bomb. 41
„ Leio. 41
„ Phmo. 41
Dictynna, Pap. 15, 259
didyma, Apam. 95
„ Noct. 95
„ Phal. 95
didymata, Cida. 186
„ Core. 186
„ Phal. 186
diffinis, Cosmia, 123
„ Phal. 123
digramma, Noct. 97
dilectaria, Brad. 299
„ Geom. 299
„ Steg. 299
Dilina, 25
DILOBA, 43
dilucidaria, Char. 177, 298
„ Geom. 176, 298
diluta, Cera. 119
diluta, Noct. 119
dilutaria, Geom. 303
„ Ptyc. 219, 303
dilutata, Geom. 198
„ Opor. 198
„ Phal. 198, 219
dimidialis, Agloss. 306
„ Pyral. 306
dimidiata, Phal. 167, 218, 228
dimidiatus, Aglossa, 306
„ Cramb. 306
Dimorpha, 42
Diphtera, 114, 286
Dipsacea, Helio. 146
„ Phal. 146
Dira, 6
discolor, Phal. 110
dispar, Chry. 18
„ Hypo. 49
„ Lycæna, 18
„ Pap. 18
„ Phal. 49
„ Port. 49
disparata, Geom. 205
disparilis, Myth. 288
Disphragis, 43
dissimilina, Noct. 119
dissimilis, Noct. 101
distans, Hade. 283
„ Noct. 283
distinguenda, Spæl. 75
ditaria, Phal. 170
ditrapezium, Grap. 78
„ Noct. 78
„ Phal. 78
diversalis, Epis. 307
„ Marg. 307
„ Pyral. 307
diversaria, Phal. 161
dives, Phal. 103, 104
Dodonea, Bomb. 42, 269
„ Chao. 42
„ Dryo. 42
dolobraria, Eury. 181
„ Phal. 181
„ Plag. 181
DOLYCHARTHRIA, 236
domestica, Noct. 71
„ Phal. 147
„ Pyra. 306
Domiduca, Noct. 65
„ Phal. 65
domina, Bomb. 52
Dominica, Noct. 282
Dominula, Hera. 52
„ Hyper. 52
„ Phal. 52
Donachlora, 136
donusa, Noct. 82
Doritis, 253
Dorylas, Lycæ. 20
„ Pap. 261

Dorylas, Poly. 201, 201
Dosithea, 219
dotata, Phal. 189, 190
Dorvillia, 44
Doxocopa, 10
Drasteria, 155
DREPANA, 229, 304
Drepunia, 229, 304
Dromedarius, Nota. 40
,, Phal. 40
Dromedarulus, Bomb. 40
Drurui, Sphinx, 265
DRYMONIA, 42. 269
Dryoctetis, 171, 173
dubia, Agro. 73
,, Noct. 73
,, Phal. 100
dubitata, Phal. 200
,, Trip. 209
dubius, Poly. 20
Dumerili, Luper. 107
Dumerilii, Noct. 107
Dumeti, Bomb. 46
,, Lasio. 270
,, Pori. 270
,, Phal. 270
duplaris, Cera. 119
,, Phal. 119
duplex, Noct. 103
duplexina, Noct. 103
duplicata, Phal. 184
Duponcheltii, 310
Duponcholii, Cara. 132
,, Pup. 251
DYPTERYGIA, 88
Dypterygia, Phal. 89
Dysaymatoge, 203
Dysoides, Noct. 110
,, Phal. 110
,, Polia, 110
Dysstroma, 105, 106

E.

eborina, Bomb. 63
,, Noct. 63
EBULEA, 238, 239
Echii, Dian. 284
,, Phal. 284
Ecpyrrhorrhoe, 239
Ectropis, 176
cetypa, Noct. 138
Edusa, Colias, 3
,, Pap. 3, 5
Edusa alba, Pap. 3
egens, Noct. 130
Egira, 89
egregia, Noct. 112
Eilema, 62
Elaphria, 131
ELECTRA, 189, 192
Electra, Colias, 252
,, Pap. 3, 252
elegans, Desm. 293
Elicrinia, 303
Elinguaria, Croc. 164
,, Phal. 164
ELLOPIA, 168
Elocata, Cato. 295, 296
,, Noct. 295.
elongalis, Pyra, 242
elongata, Eupi. 204
,, Phal. 204
Elophos, 176
Elota, Noct. 99
Elpenor, Chær. 29
,, Deile. 29
,, Sphinx, 29.
elutalis, Pyra. 244, 245
elutata, Geom. 195
,, Hydr. 195
,, Ypsi. 195
emarginata, Ania, 227
,, Cerura, 39
,, Phal. 227
EMMELESIA, 215, 301
EMMELIA, 149
EMMILTIS, 220
emortualis, Æthria, 305
,, Cramb. 305
,, Geom. 305
emtitaria, Geom. 227
,, Tima. 227
Emydia, 59
Enargia, 123
ENDROMIS, 44
ENDROSA, 63, 276
Endrotrichia, 311
ENNOMOS, 165, 228
ENNYCHIA, 247
ENOPIA, 8
ensalis, Phal. 230
Entephria, 185, 194
Enteriona, 134
Eois, 217
Eos, Pap. 15
Ephemeræformis, Ægeria, 275
,, Sphinx, 275
Ephemias, 127
EPHYRA, 178; 299
Epia, 284
Epicallia, 53
Epichnoptorix, 56, 275
EPICORSIA, 242, 307
Epigen, 8
Epinephila, 7
EPIONE, 180
Epipsilia, 75, 279
Epirrhoi, 213
EPISOMINA, 307
Episema, 43; 80
epomidion, Noct. 98
,, Xylo. 93
epomina, Noct. 98
Epunda, 68, 140
equestrata, Phal. 207
ERANNIS, 160
ERASTRIA, 140, 151, 293
EREBIA, 8, 255
EREMOBIA, 109
Ericæ, Phal. 79, 147
ericetaria, Fido. 158
,, Phal. 158
ericetata, Emme. 217
erigalis, Phal. 238
erinacea, Phal. 53
ERINOBIA, 185
Eriogaster, 46
Eriopus, 280
erminea, Bomb. 209
,, Caru. 269
,, Phal. 51
EROMENE, 150
Eros, Lyca. 261
,, Poly. 20, 261
erosaria, Geom. 165, 166
,, Odon. 165
erosata, Phal. 228
erratricula, Noct. 97
crucalis, Pyra. 244
erupta, Noct. 97
cruta, Noct. 71
erutaria, Eubo. 186
Erysimi, Pap. 5
erythrocephala, Noct. 75, 87, 121
,, Orth. 87
erythrostigma, Noct. 94
Estigmene, 54
Esula, Noct. 287
EUBOLIA, 184
Eubyja, 163
Eucalimia, 140
EUCHETIA, 206
EUCHALCIA, 143
Eucharia, 273
Eucholia, 59, 60
Euchloma, 160
EUCHLOE, 5
Euchloris, 170
EUCHŒCA, 224
Euclea, 230
EUCLIDIA, 156, 207
Euclita, 234, 235, 306
Eucosmia, 210
Eucymatoge, 200
EUDALIMIA, 168
Eudemus, 140
EUDIOPTIS, 307
Eudryas, 298, 312
EUERGETIS, 243

Eugonia, 12, 165
EUGRAMMA, 121
Eugraphe, 78, 280
evidens, Noct. 130
EULEPIA, 59
Eulype, 213
Eumenis, 7
Eumichtis, 110
Eunctes, 153, 295
Euoxa, 279
EUPEREIA, 123
Euphagia, 272
EUPHASIA, 293
Euphemias, 127
Euphia, 190, 191
Euphorbiæ, Acro. 117
" Doil. 28
" Noct. 117, 287
" Sphinx, 28
Euphorbiata, Geom. 218
" Minoa, 218
Euphrasiæ, Acro. 117, 287
" Pap. 14
" Phal. 287
Euphrosyne, Meli. 14
" Pap. 14
Euphyja, 191
EUPISTERIA, 157, 158, 224
EUPITHECIA, 200
EUPLEXIA, 100
Euprepia, 53
EUPROCTIS, 51
EUPSILIA, 87
Eurema, 252
Euresephita, 245, 309
EUROIS, 110
Europœus, Poda. 251
Europome, Colias, 252
" Pap. 252
EURRHYPARA, 238
Eurydice, Pap. 18
Eurymene, 181
Eurymus, 2
Eusarca, 182
EUSEBIA, 185
Euschesis, 65
Eustegnia, 122
Eustroma, 192, 193
Eustrotia, 149
Euthalia, 194
Euthemonia, 53
Eutricha, 48
Exanthemata, Cabe. 178
" Geom. 178
Exarnis, 76, 98
Exclamationis, Agro. 73
" Bomb. 73
" Phal. 60
excusa, Noct. 88
exemptaria, Geom. 226
" Tinia. 226
exigua, Cara. 131
" Noct 131
exiguata, Eupi. 203
" Geom. 203
exoleta, Calo. 91
" Phal. 91
" Xyli. 92
extorsaria, Boarm. 175
" Geom. 175
" Teph. 175
extimalis, Phal. 244
extrema, Noct. 135
" Nona. 135
exustata, Phal. 227
Eyprepia, 53

F.

Fabriciana, Phal. 248
" Simæ. 248
Fagi, Pap. 255
" Phal. 39
" Stau. 39
falcâtaria, Drep. 229
" Phal. 229
falcata, Phal. 229
falcula, Geom. 229
falculataria, Phal. 229
farinalis, Phal. 235
" Pyra. 235
farinata, Phal. 210
fascelina, Dasy. 50
" Phal. 50
fascialis, Phal. 207, 309
" Pyra. 247
" Pyraus. 309
fasciaria, Ello. 169
" Geom. 194
" Phal. 169
fasciata, Drep. 304
" Phal. 191
fasciculosa, Phal. 120
fasciola, Noct. 67, 147
fasciuncula, Mian. 97
" Noct. 97
favillacea, Noct. 116
" Phal. 116
favillacearia, Bup. 159
" Geom. 159
" Mœsia, 159
Fauna, Hepi. 36
Fobretta? Psyc. 55, 274
" Storr. 274
Foisthamelii, Pap. 251
Fenella, Psycho, 310
fenestrella, Tinea, 274
Fennica, Noct. 310
" Opig. 310
ferrago, Noct. 120
ferrea, Noct. 85
ferrugalis, Marg. 240
" Pyra. 240
" Udea. 240
ferrugaria, Eubo. 187
ferrugata, Cida. 186
ferrugata, Coro. 186
" Phal. 186
ferrugina, Noct. 126
ferruginago, Noct. 121
ferruginata, Phal. 126
ferruginea, Bomb. 66
" Noct. 120, 129
" Orbo. 126
" Rusi. 66
" Xant. 126
festiva, Grap. 77
" Noct. 77
Festucæ, Phal. 145
" Plusia, 145
festucaria, Phal. 223
fibrosa, Apam. 94
" Noct. 94
ficulis, Noct. 71
FIDONIA, 158, 224, 299
filicata, Cosm. 302
" Geom. 302
filigrammaria, Lare. 198
" Opor. 198
Filipendulæ, Anth. 25
" Sphinx, 25
" Zygæ. 25, 264
fimbria, Phal. 65
" Trip. 65
fimbriago, Xant. 287
fimbrialis, Pyra. 235
" Marg. 242
fimbria minor, Phal. 65
fimbriaria, Alcis, 174
fimbriata, Phal. 194, 198, 225
fimbriolata, Ptyo. 219
firma, Noct. 81
firmaria, Geom. 197
" Thera, 197
fissina, Cucu. 141
" Noct. 141
fissipuncta, Noct. 98
flamma, Noct. 109
flammata, Phal. 157
flammea, Meli. 134
" Noct. 80
" Sent. 134
flammealis, Agro. 236
" Pyra. 236
flammeus, Sphinx, 33
flava, Lith. 61
flavago, Gort. 127
" Noct. 124, 127
" Xant. 124
flavalis, Botys, 241
" Marg. 241
" Pyral. 241
flavescens, Noct. 124
flavicincta, Noct. 110
" Polia, 110
flavicincta major, Noct. 110
" minor, Noct. 110

flavicinctata, Aplo. 194
,, Geom. 194
flavicornis, Cera. 120
,, Noct. 120, 121
,, Phal. 120
flavilinea, Noct. 83
,, Orth. 83
flavomacula, Noct. 100
flavostrigata, Phal. 224
flavus, Pap. 23
flexula, Enno. 228.
,, Phal. 228
flexuosa, Phal. 291
Flina, Noct. 36
,, Phal. 34
,, Phar. 35
floccida, Noct. 120
florentina, Noct. 146
flosiactata, Acid. 223
,, Phal. 223
fluctuans, Phal. 153
fluctuata, Cida. 187
,, Core. 187
,, Phal. 187
fluctuosa, Cera. 119
,, Noct. 119
fluxa, Loue. 134
,, Noct. 135
forficalis, Meso. 243
,, Phal. 243
forficula, Ceru. 39, 260
Formicæformis, Sphinx, 33
,, Troc. 33
Formiciforme, Troc. 33
Formiciformis, Æger. 33
,, Sphinx, 33
formosa, Phal. 286
formosissimalis, Pyra. 286
fortificata, Noct. 297
Fragrariæ, Phal. 70
Fraxini, Cato. 153
,, Phal. 153
Fritillum, Pap. 21
fucata, Noct. 125
Fuciformis, Sesia, 30
,, Sphinx, 30
fulgens, Noct. 131
fuliginalis, Nolo, 249
fuliginaria, Fido. 172
,, Para. 172
,, Phal. 172
fuliginata, Acid. 222
,, Phal. 209, 222
fuliginea, Noct. 73
fuliginosa, Noct. 137
,, Phal. 54
,, Phra. 54
fuligosina, Noct. 137
fuliminans, Noct. 215
fulminea, Noct. 107
fultraria, Phal. 179
fulva, Noct. 134
fulva, Nona. 134
fulvago, Cosm. 123
,, Eupe. 123
,, Noct. 123, 126
,, Phal. 124
,, Xant. 124
fulvalis, Marg. 240
,, Pyra. 309
,, Scop. 309
fulvaria, Phal. 167
fulvata, Harp. 190
,, Phal. 190, 197, 205
fulvia, Zygæ. 264
fulvotunaria, Geom. 167
fumaria, Geom. 163
fumata, Acid. 223
Fumea, 56
fumosa, Agro. 72
,, Noct. 72, 73
funalis, Phal. 58
funeraria, Geom. 247
funeratus, Geom. 213
furca, Apam. 95
,, Noct. 95
furcata, Phal. 209
Furcula, 38
furcula, Ceru. 38, 39
,, Phal. 38
furva, Hama, 99
,, Mame. 104
,, Noct. 99
furuncula, Mian. 96
,, Noct. 96
fusca, Char. 68
,, Noct. 68
,, Nuda. 56
,, Psycho, 56
fuscago, Noct. 126
fuscalis, Botys, 242
,, Marg. 242
,, Pyra. 242
fuscantaria, Geom. 165
,, Odop. 165
fuscata, Phal. 218
fuscatus, Bomb. 81
fuscimula, Bomb. 269
,, Ceru. 39, 269
fuscosa, Bomb. 60
fuscoundata, Phal. 195
fuscula, Eras. 151
,, Noct. 151
fuscus, Hepi. 34

G.

Galathea, Mani. 6
Galathea, Argo, 6
,, Hipp. 6
,, Pap. 6
G.-album, Pap. 12
Galiata, Geom. 191
,, Harp. 191
Galji, Deile. 28
,, Sphinx, 28
Gallii, Sphinx, 28
Gamma, Phal. 144
,, Plusia, 144
Gamma-argentina, Plusia, 144
Gamma-aurina, Noct. 144
Gamma-fracta, Plusia, 144
Ganoris, 2, 4, 5
Ganyra, 3
Gastropacha, 48, 271
Gazoryctra, 34
gemina, Hado. 104
,, Noct. 103, 104
,, Phal. 82, 120
geminatus, Bomb. 82
geminipuncta, Noct. 135
,, Nona. 135
gemmaria, Phal. 174
gemmaria Abietis, Geom. 173
gemmata, Geom. 208
,, Phal. 237
,, Plem. 208
Genistæ, Hado. 103
,, Phal. 103
Genistaria, Phal. 170
Geometra, 165, 169
Georyx, 69, 72, 277
Geryon, Sphinx, 24
gilvago, Noct. 124, 125
,, Phal. 124
,, Xant. 124, 125
gilvaria, Aspi. 182
,, Geom. 182
gilvcola, Lith. 61
Giraffina, Bomb. 41
glabra, Noct. 87
glabralis, Marg. 241
,, Pyral. 241, 242
glabraria, Cleo. 171
,, Geom. 171
glandiflora, Bryo. 118
,, Noct. 118
,, Phal. 118
glarearia, Geom. 158
glareosa, Cara. 280
,, Grap. 78
,, Noct. 78
glauca, Hado. 105
,, Noct. 105
glaucata, Phal. 230
glaucinalis, Phal. 235
,, Pyra. 235
Glaucopteryx, 194
Globulariæ, Ino, 24
,, Proc. 24
,, Sphinx, 24
Glottula, 282
Gluphisia, 43
Glycirrhizæ, Sphinx, 25
glyphica, Eucl. 155

glyphica, Phal. 155
Gnaphalii, Cucu. 140
„ Noct. 140
Gnoma, Bomb. 41
Gnophos, 176
Gnophria; 63
Gonepteryx, 2
Goniapteryx, 2
Gonodontis, 164
Gonoptera, 127
Gonopteryx, 2
Gonospileia, 297
gonostigma, Orgy. 50
„ Phal. 50, 51
Gorgopis, 35
Gortyna, 127, 128, 288
gothica, Noct. 78
„ Phal. 80
„ Semi. 80
gracilina, Noct. 122
gracilis, Noct. 82, 122
„ Orth. 82
„ Teth. 122
grammaria, Phal. 223
Grammatophora, 159
Grammesia, 129
graminella, Tinea, 275
Graminis, Cera. 67
„ Char. 67
„ Noct. 106
„ Phal. 67, 155
„ Sphinx, 25
grammica, Eulo. 60
„ Phal. 60
grandaria, Geom. 173
grandirena, Ophi. 294
„ Phyt. 294
grandis, Phal. 111
Graphiphora, 74, 76, 279
Grapta, 12
Graptolitha, 91
grisea, Myth. 129
„ Noct. 129
„ Phal. 131
grisealis, Pyra. 232
griseola, Bomb. 62
„ Lith. 62
Grossulariata, Abra. 211
„ Phal. 211
guttalis, Pyral. 247
guttana, Noct. 135
Gymnopa, 147
Gynaephora, 50
Gypsochroa, 210

H.

Habrostola, 142
Habrosyne, 114
Hadena, 68, 88, 101; 102, 106, 107, 283
hæmatalis, Pyra. 246
hæmorrhoidalis, Sphinx, 267
Halia, 159
halterata, Phal. 199
Hama, 97, 282
Hamearis, 16
Hamma; Hepi: 36
Hammatophora, 37
Hampsteadiensis; Cynth. 257
„ Pap. 257
hamula, Drep. 229
„ Geom. 229
Hapalia, 241
Hapalotis, 151
Harmodia, 108, 284
harpagula, Bomb. 229
Harpalyce, 190, 213
Harpia, 38, 39, 269
Harpyias, 38, 39, 269
hastata, Mela. 213
„ Phal. 213
hastulata, Geom. 213
„ Mela. 213
Haworthana, Micra, 150
Haworthii, Apam. 97
„ Celæ. 97
Hebe, Bomb. 273
„ Noct. 273
„ Phal. 273
hebraica, Noct. 78
hecta, Phal. 34
hectus, Hepi. 34
„ Phal. 34
Heliaca, Gymn. 147
„ Noct. 147
Helice, Pap. 3
Heliodes, 147
Heliomanes, 151
Heliophobus, 67, 106, 107
Heliothera, 148
Heliothis, 145, 292
Heliotis, 145
Hellmanni, Leuc. 135
„ Noct. 135
helveola, Lith. 61
helvola, Bomb. 61
„ Lith. 61
„ Phal. 126
Hemachra, 152
Hemaris, 30
Hemeraptera, 149
Hemerobia, Bomb. 57
„ Nudu. 57
Hemerophila, 174
Homithea, 169, 170
Heodes, 17
heparata, Emme. 224
heparata, Euch. 224
„ Geom. 224
hepatica; Phal. 93
„ Noct. 93, 111
„ Xylo. 93
Hepialus, 34, 268
Hepiolus, 34
Hera, Bomb. 272
„ Hyper. 272
„ Phal. 272
Hero, Cœn. 256
„ Hipp. 256
„ Pap. 256
Heraclia, 52
Herbida, Eurois, 111
„ Noct. 111
„ Polia, 111
Hercyna, 223
Herminia, 230; 231
Hermione, Hipp. 255
„ Pap. 255
Herse, Pap. 8
Hesperia, 22
Heterogenea, 57
hexapterata; Geom. 199
„ Lobo. 199
Hibernia, 160
Hibernica, Celæ. 97
„ Cera. 67
„ Noct. 70, 97
Hibernicalis, Hype. 234
Himera, 164
Hipparchia, 7
Hipparchus, 160
Hippocastanaria, Geom. 206
„ Pach. 206
Hippocrepidis, Anth. 25, 264
„ Sphinx, 264
„ Zygæ. 264
Hippophaes, Phal. 83
Hippothoe, Chry. 18
„ Lycæna, 18
„ Pap. 18
Hippotion, 28, 266
hirsutella, Tinea, 56
hirta, Noct. 106
hirtaria, Phal. 161
hirtarius, Biston, 163
hirticornis, Noct. 281
„ Syma, 281
„ Xylo. 281
hispida, Noct. 106
hispidaria, Geom. 162, 163
„ Nyssia, 162
„ Phal. 162
hispidus, Helio. 106
holosericearia, Acid. 222
Holothalassis, 169
Hoporina, 125
Hordei, Noct. 68

Horismo, 207
horridaria, Phal. 195
Hortorum, Agro. 71
hortulata, Phal. 219, 238
hospita, Bomb. 54
Hubneraria, Geom. 179
humeralis, Miana, 96
" Noct. 96, 103
humidalis, Hypc. 234
Humilis, Noct. 281
" Orth. 80, 281
Humulator, Hepi. 35
Humuli, Hepi. 35
" Phal. 35
Huntera, Cynth. 257
" Pap. 257
" Vane. 237
Hyacinthus, Pap. 20
Hyale, Colias, 3
" Pap. 3
hyalinalis, Botys, 241
" Marg. 241
" Pyra. 241
hyalinella, Sterr. 56, 310
Hybernia, 160
Hybernaua, Pyra. 151
Hyboma, 116
hybridalis, Nemo. 240
" Pyra. 240
hybridata, Geom. 133
hybridus, Smor. 26
HYDRÆCIA, 94, 128
hydrata, Emme. 216
" Geom. 216
HYDRELIA, 149, 224
Hydrilla, 132
HYDRIOMENA, 195
HYDROCAMPA, 237, 306
HYELA, 149
hyemaria, Phal. 162
hyemata, Phal. 197
Hygrochroa, 167
Hylas, Pap. 261
Hyles, 27
Hyloicus, 27
Hyperanthus, Enod. 8
" Hipp. 8
" Pap. 8
hyperborea, Hade. 84
" Orth. 84
HYPENA, 230, 231, 304
HYPENODES, 233, 234
Hypercampa, 52
HYPERCOMPA, 52, 272
Hyphilaro, 129, 288
Hyphoraia, 273
Hypogymna, 49
HYPPA, 94
HYPSOPYGIA, 234, 235
Hypsoropha, 208
HYRIA, 217

I.

Ianthe, Pap. 255
Icarius, Pap. 261
" Poly. 20, 261
Icarus, Pap. 20
Ichneumoniforme, Troc. 31
Ichneumoniformis, Æger. 31
" Sphinx, 31, 32
Ichneusoides, Vane. 12
Ichthyura, 37
icteritia, Noct. 124
Idaea, 210
Idas, Pap. 21, 262
I.-geminum, Grap. 78
ignenta, Phal. 227
ignicola, Noct. 279
ignobilis, Phal. 71
I.-intactum, Grap. 280
" Noct. 280
Ilarus, 109
Ilicifolia, Gast. 271
" Phal. 271
Ilicis, Bomb. 43
" Pap. 260
" Thecla, 260
illunaria, Geom. 166, 167
" Odop. 166
illustraria, Geom. 166
" Odop. 166
illustris, Abro. 143
" Euch. 143
" Noct. 143
" Plusia, 143
imbecilla, Grap. 288
" Myth. 288
" Noct. 288
imbutata, Calma, 184
" Geom. 184
" Lare. 184
imitaria, Geom. 226
" Tima. 226
immanata, Phal. 196
" Poly. 196
immoraria, Geom. 223
immorata, Acid. 223
" Phal. 223
immutaria, Acid. 223
" Geom. 220
" Phal. 223
" Ptych. 220
immutata, Phal. 225
Imperator, Pap. 13
imploxa, Cara. 130
" Noct. 277
" Seget. 277
implicata, Phal. 187
impluviata, Geom. 195
" Hydr. 195
" Ypsi. 195
impudens, Noct. 136
impunctata, Leuc. 289
impura, Leuc. 137
" Noct. 137
Inachis, 11
inæquaria, Geom. 182
incalidalis, Eucl. 235
incanaria, Geom. 303
incanata, Phal. 220, 303
" Ptyc. 220, 303
indigata, Eupi. 204
" Geom. 204
iners, Cara. 84
infesta, Apam. 99
infida, Cara. 132
infraina, Noct. 117
infrequentata, Phal. 194
infuscata, Noct. 117
I.-niger, Apam. 95
" Noct. 95
innotata, Eupi. 204
" Geom. 204
" Phal. 204
innuba, Trip. 64
Ino, 24
inops, Scop. 295
inornata, Acid. 222
" Phal. 222
inquilinus, Sphinx, 28
inscripta, Noct. 144
" Plusia, 144, 291
inscriptata, Phal. 198
insigniata, Geom. 206
instabilis, Noct. 81
" Orth. 81
institialis, Marg. 244
" Pyral. 308
" Scop. 244, 308
institinta, Phal. 193, 220
insulata, Phal. 192
integra, Ceru. 39
integrata, Core. 187
interjecta, Noct. 65
" Trip. 65
interjectaria, Acid. 303
intermedia, Orth. 82
interrogationis, Noct. 143, 144
" Phal. 144
" Plusia, 144
interrupta, Phal. 192
Io, Pap. 11
" Vane. 11
Ioides, Vane. 11
Iole, Pap. 257
Iota, Phal. 143
" Plusia, 143, 144
" Noct. 144
Iphiclides, 251
IPHITHORPHA, 122
Iphis, Cœno. 256
" Hipp. 9
" Pap. 9, 256
Iridialis, Epic. 240

Iris, Apat. 10
,, Pap. 10
irriguata, Eupi. 205
,, Geom. 205
irrorella, Eudr. 63
,, Phal. 63
,, Seti. 63
,, Tinea, 276
Isocelata, Phal. 158
Issoria, 14
Isturgia, 157
Italica, Noct. 148
Itame, 159
Ithysia, 162

J.

Jacobææ, Call. 59
,, Phal. 59
Janira, Hipp. 7
,, Pap. 7
Janthe, Phal. 65
Janthina, Noct. 65
,, Trip. 65
Jasonides, 2
Jaspidea, Phal. 112
Jocheæra, 115
JODIA, 125
JODIS, 169, 226
Jodutta, Bomb. 268
,, Noct. 34
Juglandis, Bomb. 50
Juliaria, Geom. 167
junctus, Bomb. 82
Juniperata, Phal. 196, 197
,, Thera. 196
JUNONIA, 257
Jurtina, Pap. 7
Juventina, Noct. 286

K.

Koechlini, Sphinx, 28
Kymatophora, 122

L.

Labienus, Poly. 20
laccata, Phal. 152
lacertinaria, Phal. 228
,, Platy. 228
lacertula, Bomb. 228
,, Geom. 228
Lacon, Poly. 20
lactata, Acid. 223
,, Phal. 223
lactearia, Geom. 226
Lactucæ, Cucu. 141, 290
,, Noct. 141, 290
LÆLIA, 61
lævigata, Eupi. 203
,, Phal. 203
lævis, Cara. 84, 130, 310
,, Orth. 280
,, Noct. 84, 280
Lagopus, 286
,, Noct. 286
Laidion, Pap. 9
Lambda, Noct. 91
,, Xyli. 91
Lambda-aurina, Plusia, 143
Lamda, Noct. 95
Lampetia, 125, 160
Lampra, 65
Lampronia, 296
LAMPROPTERYX, 193
lancea, Celæ. 97
lancealis, Botys, 242
,, Marg. 242
,, Pyra. 242
lanceolaria, Eupi. 204
,, Lare. 204
lanestris, Erio. 46
,, Phal. 46
lapidata, Geom. 208
,, Phal. 208
Lappæ, Phal. 128
Lappo, Hade. 105
Larentia, 184, 208
Laria, 51
Laricaria, Boar. 175
Larissa, 183
LASIOCAMPA, 45, 48
LASIOMMATA, 6, 254
Latagia, 96
Latenai, Hade. 104
latens, Grap. 75
,, Noct. 279
,, Spæl. 279
latentaria, Cida. 186
,, Zery. 186
lateritia, Phal. 281
,, Noct. 281
,, Xylo. 281
Lathona, Pap. 14
Lathonia, Argy. 14
,, Pap. 14
Lathyri, Lepto. 5
,, Ophi. 133
latifascia, Ceru. 39
latifolia, Noct. 136
Latonia, Pap. 14
latruncula, Miana, 96
,, Noct. 96, 152
Lavateræ, Hesp. 21
Leæna, Pyra. 243
Leimonia, 247, 309
Lemia, 301
Lemnata, Hydro. 237
,, Phal. 237
Lemur, Noct. 153
Lemuris, 88
Leodorus, Pap. 262
Lepetitii, Noct. 79
lepida, Phal. 82
Leporina, Apat. 118
,, Noct. 118
,, Phal. 118
Leptomeris, 220, 221, 303
Leptopteryx, 56
Leptoria, 5
Leptosia, 5
Lepus, Phal. 55
Lethia, 27
Levana, Aras. 258
,, Cynth. 258
,, Pap. 258
LEUCANIA, 128, 129, 136, 137, 289
Leucocora, 204
LEUCOMA, 51
LEUCOPHASIA, 5
Leucophthalmia, 178, 209
leucographa, Celæna, 97
,, Cera. 79
,, Lytæa, 67
,, Noct. 79, 97, 101
leucomela, Noct. 148
leucomelas, Cate. 295
,, Noct. 295
,, Phal. 295
leucomelina, Noct. 148
Leuconea, 3
leuconota, Phal. 90
leucophæa, Noct. 107
,, Pach. 107
leucophæus, Heli. 107
leucophealis, Pyra. 245
leucophearia, Anis. 160
,, Geom. 160
,, Phal. 173
leucophina, Noct. 103
leucoptera, Noct. 131
leucopteralis, Hype. 233
leucostigma, Hade. 104
,, Hydræ. 94
,, Noct. 94, 95, 104
Leucothoe, Arge, 6
Libatrix, Caly. 127
,, Noct. 127
,, Phal. 127
Lichenaria, Cleo. 171
,, Geom. 171
Lichenea, 60
,, Eumi. 110
,, Polia, 110
Lichenes, Noct. 118
Lichenis, Noct. 118
Ligea, Ereb. 8
,, Hipp. 8
,, Pap. 8
lignata, Geom. 207

lignata, Phib. 207
ligniperda, Cossus, 36
lignosa, Noct. 73, 91
Ligula, Noct. 86
,, Orth. 86
Ligustrata, Coro. 187
,, Geom. 187
Ligustri, Acro. 115
,, Noct. 115
,, Sphinx, 26
Ligustrina, Noct. 112
LIMACODES, 58
,, Bomb. 58
Limax, Phal. 58
limbalis, Pyra. 242
limbaria, Phal. 157
,, Spor. 157
,, Ania, 304
limbata, Geom. 158
,, Phal. 145, 304
limbaundata, Phal. 302
,, Ptyc. 302
LIMENITIS, 10, 256
limitata, Phal. 185
Limonitis, 10
Linaria, Calo. 142
,, Noct. 142
Linariaria, Phal. 187
Linarinata, Eupi. 200
,, Geom. 200
Linea, Pamp. 22
,, Pap. 22
linearia, Geom. 180
lineata, Deilo. 28, 266
,, Sphinx, 28, 266
lineataria, Phal. 207
linoola, Acos. 134
,, Phal. 86
lineolata, Geom. 183
,, Meso. 183
,, Noct. 71
,, Phib. 183
Liparis, 274
literalis, Dias. 236
,, Pyra. 236
literata, Phal. 195
literosa, Miana, 97
,, Noct. 97
Lithina, 183
Lithomia, 89
LITHOMOIA, 89, 94
Lithophane, 89, 278
lithoriza, Had. 105
,, Phal. 105
,, Xylo. 105
LITHOSIA, 60, 276
lithoxylea, Noct. 90, 92
,, Xylo. 92
literalis, Leuc. 137
literata, Phal. 195
litophila, Noct. 118
litterata, Noct. 155
littoralis, Leuc. 137
Litura, Ancho. 85
,, Orth. 85
,, Phal. 85
liturata, Maca. 227
,, Phal. 227
lividata, Geom. 177
,, Phal. 220, 222
,, Ptyo. 220
Livornica, Deilo. 28
,, Sphinx, 28
LOBOPHORA, 199
lobulata, Geom. 199
,, Lobo. 199
Lolii, Bomb. 106
LOMASPILIS, 218
Lomographa, 212
longalis, Pyra. 242
longina, Hade. 104
longipedalis, Scop. 236
Lonicerw, Anth. 25
,, Sphinx, 25, 264
Lophia, 139
LOPHOPTERYX, 41
Lota, Noct. 83
,, Orth. 83
,, Phal. 83
Loti, Anth. 25, 264
,, Leuco. 5
,, Sphinx, 25, 264
,, Zygæ. 25, 264
Lotrix, Noct. 60
LOZOGRAMMA, 183
lubricepeda, Phal. 54, 55
,, Spit. 55
lucernalis, Diap. 307
,, Eudio. 307
,, Pyral. 307
lucernea, Phal. 74
lucida, Phal. 148
lucidata, Phal. 169
lucidella, Tinea, 56
lucifera, Noct. 76
Lucifuga, Cucu. 141, 290
,, Noct. 141, 290
Lucilla, Pap. 256
Lucina, Hamo. 16
,, Nemo, 16
,, Pap. 16
lucipara, Eupl. 100
,, Phal. 100
,, Phleg. 100
luctuaria, Geom. 161
luctuata, Phal. 195
luctuosa, Acon. 148
,, Noct. 148
luculenta, Noct. 93
ludiora, Ophi. 294
,, Noct. 294
ludifica, Diph. 286
,, Phal. 286
ludificiana, Noct. 114
lugens, Noct. 95
lugubris, Bomb. 149
lunaria, Geom. 166
,, Odop. 166
,, Phal. 160
lunaris, Ophi. 152
,, Noct. 152
lunata, Phal. 37
lunatostrigata, Noct. 98
lunigera, Agro. 70
lunina, Noct. 94
lunosa, Anth. 85
,, Noct. 85
,, Orth. 85
lunula, Phal. 142
lunularia, Geom. 166
lunulata, Phal. 116, 172
lunulina, Grap. 102
,, Noct. 102
Luperina, 88, 97, 104, 107, 288
lupulator, Hepi. 34
lupulina, Bomb. 34, 35
,, Phal. 35
lupulinus, Hepi. 34, 35
luridata, Phal. 183
luridcola, Lith. 62
Lusina, Noct. 152
Lusoria, Noct. 294
,, Ophi. 152, 294
,, Phal. 294
,, Phyt. 152
lutarella, Lith. 63
lutea, Phal. 288
lutealis, Pyra. 244, 308
,, Scop. 308
luteata, Asth. 224
,, Hemi. 224
,, Geom. 224
luteago, Gort. 288
,, Noct. 288
lutearia, Cleo. 300
,, Phal. 300
luteicornis, Noct. 120
luteola, Bomb. 62
,, Lith. 62
luteolata, Phal. 168
luteolina, Lith. 62
lutescens, Acon. 132
,, Phyt. 132
lutosa, Anth. 248
,, Noct. 62
,, Nona. 136
,, Sima. 248
lutulenta, Noct. 68
Luxeri, Bomb. 55
Lycæides, 20, 261
Lycæna, 17, 18
Lycastes, 264
Lychnidis, Noct. 85
Lychnitis, Cucu. 140
Lycia, 163
LYCOPHOTIA, 67, 79
Lycus, 17
Lydia, Noct. 67

Lye, Pap. 15
Lygris, 189
LYMANTRIA, 49
lyncea, Phal. 191
lynceata, Phal. 188
Lynceus, Hesp. 260
,, Pap. 260
Lythargyria, Myth. 129
,, Noct. 129, 288
Lythria, 300
LYTÆA, 66

M.

MACARIA, 227, 303
Machaon, Pap. 2
macilenta, Noct. 83, 126
,, Orth. 83, 126
macrocephala, Phal. 117
MACROCHILA, 231
Macrochilo, 230
Macrogaster, 36, 310
MACROGLOSSA, 29
Macroglossum, 29
maculata, Geom. 219
,, Phal. 212
,, Venil. 212
Madopa, 232
Mæra, Hipp. 254
,, Lasi. 254
,, Pap. 7, 254
MÆSIA, 159
magnificalis, Cata. 307
,, Hydro. 306
,, Nymp. 307
,, Pyral. 306
majuscula, Noct. 70
majuscularia, Geom. 182
Malacosoma, 47
Malendris, 186
Mali, Bomb. 47
Malvarum, Hesp. 262
,, Pyrg. 262
Malvæ, Pap. 21, 262
,, Hesp. 262
,, Pyrg. 21
,, Thym. 262
Malvæ minor, Pap. 21
MAMESTRA, 100, 107, 283
Mancipium, 4
Mania, 88, 153
manicata, Phal. 286
Manto, Maniola, 256
Mappa, Phal. 35
margaritacea, Noct. 280
margaritalis, Ever. 243
,, Marg. 243
,, Pyra. 243
margaritaria, Camp. 168
,, Euda. 168
,, Phal. 168
Margaritia, 240
margaritosa, Noct. 70
marginago, Noct. 145
marginalis, Pyral. 307
marginaria, Phal. 180
marginata, Heli. 145
,, Loma. 218
,, Noct. 145
,, Phal. 218
,, Pœci. 218, 219
marginatus, Cram. 306
,, Pyral. 306
marginepunctata, Acid. 221
,, Ptyc. 221
marginosa, Noct. 106
Marita, Noct. 296
maritimata, Acid. 222
marmoraria, Phal. 163
marmorata, Elect. 189
,, Geom. 189
,, Phal. 196
marmorinaria, Geom. 160
Marphisa, Pap. 14
Marshalliana, Agro. 73
Matrona, Bomb. 272
Matronula, Arct. 272
,, Phal. 272
matura, Phal. 60
Maturna, Meli. 259
,, Pap. 14, 15, 259
Matutina, Pap. 15
maura, Mormo. 153
,, Phal. 153
Mecoptera, 87
MECYNA, 240
Medea, Pap. 21
mediata, Phal. 226
Medicaginis, Bomb. 50
,, Lasio. 46
,, Phal. 46
mediopunctaria, Phal. 159
Medon, Pap. 21
Medusa, Pap. 9
megacephala, Acro. 117
,, Noct. 117
Megæra, Hipp. 7
,, Lasio. 7
,, Pap. 7
Meganephria, 113
Megasoma, 77
melæna, Hype. 52
melaleuca, Noct. 90
Melampias, 9, 255
Melampus, Ereb. 255
,, Pap. 9, 255
melanaria, Fido. 208
,, Phal. 208
,, Rhyp. 208
Melanchra, 100
Melania, 8
MELANIPPE, 213
melanopa, Anar. 147
melanopa, Noct. 147
melanoptera, Phal. 60
melanosticta, Vane. 12
MELANTHIA, 213, 301
Melia, 133
Meliana, 133
Melicerta, Pap. 23
Melicleptera, 146, 292
Meliloti, Anth. 25, 264
,, Sphinx, 264
Melinæa, 14
MELITÆA, 14, 15, 259
Mellearia, Geom. 161
Mellinia, 125
Memythrus, 31
Menalcas, Pap. 10
mendica, Cycnia, 55
,, Diap. 55
,, Noct. 77
,, Phal. 55
mendosa, Noct. 78
mensuraria, Eubo. 185
,, Geom. 185
Menthastri, Bomb. 54, 55
,, Spil. 54
Menyanthedis, Acro. 116
,, Noct. 116
Menyanthidis, Acro. 116
,, Noct. 116
meretricula, Phal. 96
meretrix, Noct. 152
MERISTIS, 129
Mesembrynus, 263
MESOGRAMMA, 183
Mesographe, 240, 243, 244
Mesoleuca, 214
mesomella, Cybosia, 63
,, Phal. 63
,, Seti, 63
Mesotype, 183, 185, 208
Metachrostis, 118
Metanastria, 45
Metaxyja, 71
meticulosa, Phal. 139
,, Phlog. 139
Metopsilus, 29
METRA, 164
Metra, Pontia, 4
Metrocampa, 168
Mi, Eucl. 155
,, Phal. 155
MIANA, 96, 132, 282
miaria, Cida. 188
,, Core. 188
,, Geom. 188
miata, Chlo. 195
,, Euth. 195
,, Phal. 195
micacea, Gorty. 128
,, Noct. 128
micans, Sphinx, 24
Micra, 150
Migonitis, 17

Milothris, 254
MILTOCHRISTA, 59
Mimas, 26
Mimetes, 284
minax, Bomb. 39
miniata, Call. 59
,, Phal. 59
minima, Mian. 132
,, Noct. 132
minimus, Pap. 19
miniosa, Noct. 83
,, Orth. 83
MINOA, 218, 300
Minois, 254
Minos; Zygæ, 263
minuta, Erast. 293
,, Noct. 293
,, Phyt. 150
,, Troth. 293
minutata, Eupi. 204
,, Geom. 204
MISELIA, 113, 285
Mithymna, 128
mixta, Noct. 81, 112
mixtina, Noct. 112
Mnemon, Pap. 9
Mnemosyne, Dori. 253
,, Pap. 253
,, Parn. 253
Mneste, Noct. 154
Mnestra, Ereb. 255
,, Hipp. 255
,, Pap. 255
Mniophila, 172
modesta, Geom. 230
modnata, Noct. 127
molochina, Noct. 281
molothina, Bomb. 71
Moma, 114
monacha, Hypo. 49
,, Lyma. 49
,, Phal. 49
,, Psil. 49
monachalis, Noct. 249
,, Pyral. 249
monileus, Bomb. 69
monilis, Hyps. 298
,, Noct. 298
Monima, 83
monoglypha, Noct. 92
monostigma, Agro. 69, 277
monstrosa, Phal. 101
montanata, Cida. 187
,, Core. 187
,, Geom 187
Monticola, Emme. 217
Monuste, Aporia, 254
,, Pap. 254
Mopsus, Stry. 260
Mori, Bomb. 271
,, Phal. 271
Morio, Noct. 97
,, Pap. 12
Morio, Penth. 274
,, Phal. 274
MORMO, 88, 153
Morpheus, Cara. 131
,, Phal. 131
Morrisii, Acos. 132
mucida, Noct. 81
mucronata, Phal. 183
multistrigaria, Erin. 185
,, Geom. 185
,, Lare. 185
munda, Noct. 82, 243
,, Orth. 82
mundana, Nuda. 57
,, Phal. 57
munitata, Cida. 188
,, Core. 188
,, Geom. 188
,, Phal. 197
muraria, Alcis, 174
muricata, Phal. 217
murinaria, Geom. 160
murinata, Phal. 218
Musarion, Pap. 9
Muscæforme, Troch. 31, 267
Muscæformis, Sphinx, 267
muscea, Fumaria, 56
muscella, Fumea, 56
,, Phala. 275
,, Tinea, 275
muscerda, Lith. 62
,, Phal. 62
musculosa, Leuc. 139
,, Noct. 139
,, Oria, 139
,, Symi. 138
musicalis, Noct. 90, 92
musiva, Grap. 280
,, Noct. 280
Mutillæforme, Troc. 33
Mutillæformis, Sesia, 33
Myllerana, Pyral. 248
,, Sima. 249
Myopæforme, Troc. 33
Myopæformis, Sphinx, 33
Myrmidone, Colias, 3, 253
,, Pap. 253
Myrtilli, Anar. 146
,, Phal. 146
Mysia, Pap. 259
MYTHIMNA, 128, 288

N.

nacarata, Phal. 123
NÆNIA, 88
nævaria, Geom. 219
nana, Noct. 104, 108
,, Phal. 56
nanata, Eupi. 204
nanata, Geom. 204
nanus, Bomb. 83
Napææ, Pap. 4
Napi, Pap. 4
,, Pieris, 4
,, Pontia, 4
NASCIA, 239
nassata, Phal. 216
Nausinoe, 237
nebulalis, Marg. 309
,, Pyra. 245, 309
,, Scop. 309
nebulata, Eupi. 203
,, Phal. 203
nebulosa, Agro. 72
,, Euro. 111
,, Noct. 98
,, Phal. 105, 111
,, Polia, 111
nebulosus, Bomb. 81
,, Hepi. 35
neglecta, Noct. 84
,, Orth. 84
,, Sege. 84
neglectata, Opor. 198
Nelo, Pap. 4
NEMEOBIUS, 16
Nemeophila, 54
nemoralis, Para. 232
,, Phal. 232
nemorata, Phal. 223
NEMORIA, 225
nemorosa, Noct. 34
Neoridas, Pap. 9
Nephele, Pap. 10
Nerii, Chær. 29
,, Daph. 29
,, Deile. 29
,, Sphinx, 29
nervosa, Noct. 135, 289
,, Simy. 139, 289
NEURIA, 106
neurica, Leuc. 135
,, Noct. 135
,, Nona. 135
neurodes, Noct. 86
Neuronia, 106, 108
Neustria, Clis. 47
,, Phal. 47
Neustriaria, Phal. 160
nexa, Myth. 289
nictitans, Apum. 94
,, Noct. 95
,, Phal. 94
nigra, Char. 69, 277
,, Noct. 277
nigrata, Abrax. 211
nigricans, Agro. 72
,, Mame. 101
,, Noct. 68, 101
,, Phal. 72
,, Pent. 55
,, Ster. 55

nigricaria, Geom. 160
nigricornutus, Bomb. 69
nigrirena, Acon. 293
,, Phyt. 293
nigrofasciaria, Phal. 194
nigrofusca, Noct. 71
nigropunctata, Eupi. 201
nigrosericeata, Eupi. 201
,, Phal. 201
nigrovenosus, Pap. 3
Niobe, Argy. 258
,, Pap. 258
NISONIADES, 22
nitens, Noct. 111
,, Polia, 111
nitensina, Noct. 111
nitidalis, Phal. 235
nitidaria, Acid. 223
nitidella, Fumea, 56
,, Tinea, 56
nitidulata, Phal. 237
nivealis, Pyra. 245
niveata, Cleo. 216
,, Geom. 210
,, Gyps. 210
nivosa, Bomb. 51
Noctua, 76
noctuella, Nomo. 240
,, Pyra. 240
NOLA, 249
nolalis, Cleod. 233
Nomadæformis, Sphinx, 33
Nomiades, 19, 261
NOMOPHILA, 240
NONAGRIA, 133, 134, 135
notata, Eupi. 204
,, Maca. 227
,, Phal. 227
notha, Brep. 154, 155
,, Hemi. 154
,, Noct. 155
Notodonta, 40, 269
Notolophus, 50
nubeculata, Phal. 212
Nuda, Bomb. 57
NUDARIA, 57
Numeria, 177
Nun-atrum, Noct. 80
,, Phal. 78
Nupta, Cato. 153
,, Noct. 296
,, Phal. 153
Nymphæalis, Pyra. 237
Nymphæata, Hydro. 237
,, Phal. 237
NYMPHALIS, 257
Nymphula, 237, 306
NYSSIA, 162

O.

obducta, Noct. 75
obelisca, Agro. 71
,, Noct. 71
,, Phal. 75
obesalis, Hype. 304
,, Pyral. 304
obeliscata, Agro. 73
,, Noct. 73
obfuscata, Char. 176
,, Geom. 176
obliquata, Chesias, 207
,, Euce. 207
,, Geom. 207
,, Phal. 232
obliquus, Hepi. 34, 35
oblonga, Hade. 104
,, Noct. 104
oblongata, Geom. 205
obrutaria, Eupi. 205
obsoleta, Leuc. 137
,, Noct. 137
obsoletaria, Acid. 221
obsoletissima, Noct. 66
obscura, Noct. 74, 104
,, Phal. 74
obscuraria, Char. 177
obscurata, Char. 177
,, Geom. 164, 167
,, Gnop. 177
,, Hade. 104
,, Phal. 227
occulta, Eurois, 111
,, Noct. 92, 111
,, Phal. 111
occultaria, Eubo. 185
ocellaria, Ephy. 299
,, Geom. 179, 299
ocellaris, Phal. 125
ocellata, Harp. 191
,, Phal. 191
,, Sphinx, 26
ocellatus, Smer. 26
ocellina, Agro. 72, 278
,, Noct. 278
ochracea, Hade. 108
,, Leuc. 138
,, Noct. 108, 128
ochraria, Geom. 165
ochreago, Noct. 125
,, Phal. 124
ochrealis, Botys, 308
,, Marg. 239, 308
,, Pyra. 239, 308
ochreata, Bomb. 276
,, Eupi. 203
Ochria, 121, 125, 127
ochroleuca, Erem. 109
,, Noct. 109
ochropleura, 79, 280
Ochyria, 188
Ocneria, 274
octogena, Noct. 120
,, Tethea, 120
octogesima, Cera. 120
,, Noct. 120
octogezima, Cyma. 120
ocularis, Cera. 120
,, Orth. 80
,, Phal. 120
oculata, Xyli. 90
oculea, Apam. 95
,, Noct. 95
ODEZIA, 218
Odonesis, 48
ODONESTIS, 48
Odontia, 245
Odontopera, 164
Odontosia, 41, 42
Odoptera, 165
Œnistis, 62
Œstriformis, Ægeria, 31
,, Sphinx, 32
Ogygia, 70, 75, 98
Oileus, Pap. 262
,, Pyrg. 262
,, Thym. 262
oleagina, Noct. 113
,, Valeria, 113
oleracea, Mame. 101
,, Phal. 101
Oligia, 96
olivacea, Noct. 152
,, Polia, 109
olivalis, Marg. 245
,, Pyra. 245
,, Scop. 245
Olivana, Tortrix, 150
olivaria, Geom. 305
olivata, Cida. 188
,, Core. 188
,, Geom. 188
olivea, Noct. 150
Omalosoma, 86
Omega, Noct. 76
,, Phal. 76
Omia, 73, 244
omicrata, Phal. 198
omicronaria, Ephyra, 178
,, Geom. 178
Ononis, Helio. 292
,, Noct. 292
Oo, Cleo. 121
,, Cyma, 121
,, Eugra. 121
,, Noct. 292
,, Phal. 121
opacella, Psyche, 310
,, Sterr. 310
operaria, Char. 176, 299
,, Geom. 299
operosa, Noct. 295
Opherophtera, 197
OPHIODES, 152, 294
Ophiogramma, Apam. 96
,, Noct. 96

Ophiusa, 133, 152, 294
Ophiussa, 152
Opigena, 310
opima, Noct. 81
„ Orth. 81
Opistographtis, 167
Oporabia, 198
Oporinia, 198, 199, 303
Or, Cerat. 120
„ Noct. 120
„ Phal. 120
orbicularia, Ephyra, 170
„ Geom. 179
Orbona, 126
orbona, Noct. 64
„ Trip. 64
Orcina, 8
Orcus, 29
Orgya, 49
Orgyia, 49, 50
Oria, 139
orichalcea, Noct. 144
„ Plusia, 144
Orion, Diph. 114
„ Noct. 114
ornata, Geom. 220
„ Phal. 110
„ Ptyc. 220
ornataria, Geom. 220
ornatrix, Orth. 85
ornithopus, Phal. 91
Orobi, Sphinx, 25
Orphne, 156
Orrhodia, 84, 86
Orthoglitha, 182
Orthonama, 207
Orthorhinia, 42
Orthosia, 81, 83, 84, 280
orthostigma, Char. 68
orychalcea, Noct. 144
osseata, Geom. 221
osseata, Acid. 221
„ Geom. 221
Ostreophana, 236
ostrina, Erast. 150
„ Erom. 150
„ Noct. 150
ostrinalis, Pyral. 246
„ Pyrau. 246
Ou-grœcum, Phal. 110
Ourapteryx, 168
Oxyacanthœ, Mise. 113
„ Phal. 113
Oxyacanthella, Phal. 248
oxydata, Larc. 205
oxyptera, Noct. 280

P.

pabulatricola, Noct. 90
Pachetra, 107
Pachycnemia, 206
Pachygastria, 45
Pachytholia, 55
Pacta, Cato. 296
„ Phal. 153, 296
Paldia, 57
Palumno, Collas, 252
„ Pap. 3, 252
palcacea, Noct. 121
palcago, Noct. 125
palcalis, Marg. 243
„ Pyra. 243
„ Sito. 243
Pales, Pap. 14
Palimpsestis, 120
pallens, Leuc. 138
„ Noct. 137.
„ Phal. 138
palliata, Noct. 123
pallida, Leuc. 135
„ Noct. 82
„ Orth. 82
„ Phal. 138
pallidalis, Botys, 307
„ Marg. 308
„ Pyral. 307
pallidaria, Acid. 221
„ Geom. 303
„ Maca. 303
pallidata, Acid. 303
„ Geom. 303
pallidus, Bomb. 47
palliola, Noct. 249
palpalis, Hypo. 231, 305
„ Phal. 231
palpatus, Cram. 231, 305
palpina, Phal. 42
„ Pter. 42
paludata, Phal. 220, 238
paludicola, Noct. 136
palumbaria, Geom. 183
palustraria, Eupi. 202
palustris, Leuc. 135
„ Odon. 48
Pamphila, 22, 263
Pamphilus, Cœn. 10
„ Hipp. 10
„ Pap. 10
Panceratii, Bryt. 282
„ Noct. 282
Pandalis, Botys, 241
„ Epic. 241
Panemeria, 147
Pania, 38
Paniscus, Cycl. 22
„ Hesp. 22
„ Pap. 22
„ Ster. 263
Panolis, 80
Pantaria, Abra. 211
„ Phal. 211
panthcrata, Geom. 211
„ Phal. 211
Paonias, 26
Paphia, Argy. 13
„ Pap. 13
Papilio, 1, 251
Papilionaria, Geom. 169
„ Hipp. 169
„ Phal. 169
papyratia, Phal. 54
„ Spil. 54, 55
par, Noct. 118
„ Phal. 109
Paracolax, 232
paradoxa, Phal. 50
Paralella, 181
parallelaria, Geom. 181
Paranthrene, 31
Parapoynx, 238
Parargc, 6
Parascotia, 156, 172
Parasemia, 54
Parastichtis, 93, 95
pariana, Phal. 248
„ Sima. 248
Parnassis, 253
Parnassius, 253
Parthenias, Brep. 154, 155
„ Noct. 154, 296
„ Phal. 154
Parthenie, Meli. 259
„ Pap. 259
pascuaria, Phal. 172
pascuea, Agro. 89
Passeraria, Geom. 196
Pastinum, Ophi. 152
Pavonia, 45
„ Phal. 45
Pavonia-minor, Phal. 45
„ Satur. 45
Pavoniella, Phal. 45
Pavunculus, Phal. 45
Pechipogon, 231
pectinatus, Bomb. 60
pectinea, Fumea, 56
pectinella, Fumea, 275
„ Tinea, 275
pectinitaria, Geom. 188
„ Phal. 188
pectitalis, Pyra. 232
pedaria, Phal. 162
Pellonia, 300
Pelosia, 61
peltigera, Heli. 146
„ Noct. 146
Pelurga, 189
pendularia, Ephy. 179
„ Phal. 179
pennaria, Hime. 164
„ Phal. 164
pennata, Phal. 158
Penthophora, 55, 273
Pepli, Noct. 116
Perconia, 157, 182
percontationis, Plusia, 143
perfusca, Noto. 40

perfuscata, Phal. 196
perfuscus, Bomb. 40
PERICALLIA, 167, 272
PERIDEA, 43
Peridroma, 70, 278
Perinephela, 241
Periphanes, 141
PERIPHOBA, 270
Perizoma, 216
perla, Bryo. 118
,, Noct. 118
perlella, Tinea, 62
perochraria, Acid. 221
perpendiculalis, Botys, 241
perplexa, Dian. 108
,, Noct. 108
Persicariæ, Mame. 100
,, Phal. 100
perspicillaris, Acti. 142
,, Calo. 142
,, Cloa. 142
,, Phal. 142
PETASIA, 43
Petasitis, Gort. 128
petraria, Geom. 183
,, Lozo. 183
petrificata, Geom. 174
,, Noct. 90
,, Xyli. 90
petrificosa, Noct. 90
Phædra, Hipp. 255
,, Pap. 8, 255
phæorrhœa, Phal. 52
Phæsylo, 300
phœus, Bomb. 66
PHALACROPTERYX, 275
Phalæna, 168
Phalæra, 37
Phanessa, 11
Pharetra, 116
Pharmacis, 35, 208
Phasiane, 183
PHEOSIA, 40
PHIBALAPTERYX, 207
PHIGALIA, 161
Philanthiforme, Troch. 267
Philanthiformis, Sesia, 267
Philea, 63
Philereme, 208
Philodoce, Colias, 252
Philonomus, Pap. 20
Philopyra, 87, 88
Philoxenus, Pap. 9
Phlœas, Chrys. 17
,, Lycæ. 17
,, Pap. 17
Phlegethontius, 265
PHLOGOPHORA, 139
PHLYCTÆNIA, 238
Phoberia, 152
Phœbaria, Phal. 166
Phœbe, Noct. 95
Phorodesma, 170
PHRAGMATÆCIA, 310
Phragmatidis, Leuc. 134, 138
PHRAGMATOBIA, 54
Phragmitidis, Cala. 138
,, Noct. 138
Phragmitis, Cala. 138
Phryxus, 28, 266
Phycioides, 260
Phyllodesma, 48
Phylloma, 48
Phyteuma, Noct. 278
Phytometra, 157, 295
Phytonia, 158
picata, Geom. 191
,, Harp. 191
picea, Noct. 73
picearia, Geom. 158
piceata, Lamp. 193
picta, Noct. 79
pictalis, Asopia, 306
,, Pyral. 306
pictaria, Aleu. 178
,, Cida. 178
,, Cleo. 178
,, Geom. 178
PIERIS, 3, 4, 253
pilicornis, Nona. 136
,, Noct. 136
,, Phal. 81
pilosaria, Geom. 162
,, Phig. 162
Pilosellæ, Pap. 8, 15
pilosus, Heli. 106
Pimpinellaria, Eupi. 203
Pinastri, Dypt. 89
,, Phal. 89
,, Sphinx, 27
Pinetaria, Geom. 157
pinguiculatus, Cram. 234
pinguinalis, Aglossa, 234
,, Phal. 234
Pini, Dend. 48
,, Gast. 48
,, Odon. 48
,, Phal. 48, 80
Piniaria, Phal. 159
Piniarius, Bupa. 159
piniperda, Acha. 80
,, Noct. 80
,, Pano. 80
PIONEA, 243, 244
piperata, Eupi. 205
piperitaria, Geom. 173
Pisi, Mame. 100
,, Phal. 100
Pistacina, Anco. 85
,, Noct. 85
,, Orth. 85
Pithecops, 18
Pitiocampa, Bomb. 271
Pitiocampa, Cneth. 271
,, Thau. 271
plaga, Agro. 73
plagiata, Anai. 184
,, Phal. 184
Plagodis, 181
Plantaginis, Cara. 130, 289
,, Neme. 54
,, Noct. 289
,, Para. 54
,, Phal. 54
Plasteadii, Hade. 283
Plastenis, 122
PLATYPTERYX, 228
plebeia, Hade. 104
,, Noct. 104, 111
,, Phal. 104
,, Sphinx, 265
plecta, Grap. 79
,, Phal. 79
Plemmyra, 187
Plemyria, 208, 215
Plerocymia, 184, 209
plumaria, Fido. 158
,, Geom. 158, 162
plumbaria, Geom. 182
,, Orth. 182
,, Phas. 182
plumbata, Xere. 215
,, Zere. 215
plumbeola, Bomb. 61
plumbeolata, Eupi. 202
,, Lith. 62
,, Phal. 202
plumea, Bomb. 275
,, Fumea, 275
,, Tinea, 275
plumifera, Psyche, 274
,, Thyri. 274
plumigera, Bomb. 42
,, Ptil. 42
plumistrea, Fume. 56
plumistrella, Phal. 275
,, Tinea, 275
PLUSIA, 143, 291
Podalirius, 251
,, Pap. 251
pœcila, Sphinx, 265
PŒCILIA, 112, 118
PŒCILOCAMPA, 46
Pœcilophasia, 218
Pogonitis, 230
polata, Aplo. 300
,, Lare. 300
,, Opor. 198
POLIA, 109, 110
policula, Noct. 147
polita, Glœa, 86
,, Noct. 86
polluta, Noct. 85
polutaria, Geom. 219
Polychloros, Pap. 12
,, Vane. 12

polycommata, Geom. 199
,, Lobo. 199
Polydama, Hipp. 9
,, Pap. 9
polygona, Phal. 70
Polygonia, 12
polygramma, Noct. 151
polygrammata, Phal. 208
,, Phib. 208
Polymeda, Hipp. 9
,, Pap. 8
Polymita, Char. 285
,, Phal. 289
,, Palia, 285
Polymixis, 116, 285
polyodon, Noct. 144
,, Phal. 92
,, Xylo. 92
POLYOMMATUS, 17, 18, 260
POLYPTHASIA, 195
Polyphemus, Pap. 20
Polyploca, 120
POLYPOGON, 231
Polyptychus, 26
Pontia, 3
Popularis, Helio. 106
,, Noct. 106
Populata, Elect. 189
,, Phal. 189, 190
Populeti, Noct. 82
,, Orth. 82
Populi, Bomb. 47
,, Lime. 257
,, Nymp. 257
,, Pap. 257
,, Phal. 47
,, Smer. 26
,, Sphinx, 26
Populifolia, Bomb. 271
,, Gast. 271
porata, Ephy. 179
,, Phal. 179
Porcellanea, Phal. 41
porcellata, Phal. 215
Porcellus, Cher. 29
,, Deile. 29
,, Sphinx, 29
porphyrea, Lyco. 79
,, Noct. 79, 102, 103
,, Scot. 79
Porphyrialis, Pyral. 246, 309.
,, Pyrau. 246, 309
Porphyrites, 246
Porthesia, 51
Porthetria, 49
Potamogalis, Pyra. 237
Potamogata, Hydro. 237
,, Phal. 237
Potatoria, Odon. 48
præatomata, Macn. 227
,, Phal. 227
præceps, Noct. 112
præcox, Acto. 112
,, Hapa. 112
,, Phal. 112
præduncula, Noct. 96
,, Phal. 151
præformata, Anai. 184
,, Geom. 184
Præmanthis, Cucu. 200
prænotata, Phal. 227
prætexta, Noct. 125
prasina, Noct. 142
prasinaria, Geom. 169
,, Phal. 170
prataria, Acid. 226
Praticola, Noct. 71
Pratorum, Sphinx, 25
primaria, Geom. 197
Primulæ, Phal. 77
Princeps, Pap. 14
Principissa, Pap. 14
Prionia, 228
proboscidalis, Hypc. 230
,, Phal. 230
procellata, Geom. 215
,, Meso. 215
,, Xero. 215
processionea, Cneth. 270
,, Phal. 270
,, Thau. 270
PROCRIS, 24
Prodelia, 276
prodromaria, Bist. 163
,, Geom. 163
prodromarius, Bist. 163
progeminaria, Eran. 161
,, Geom. 161
Promissa, Cato. 154
,, Phal. 154
Pronuba, Phal. 64
,, Trip. 64
Pronuba minor, Phal. 64
propuguata, Cida. 188
,, Coro. 188
,, Geom. 188
Prorsa, Pap. 10, 258
Prorsus, Pap. 17
prosapiaria, Geom. 161
,, Hyber. 161
,, Phal. 168
prospicua, Noct. 66
Protea, Hade. 105
,, Noct. 105
PROTHYMIA, 151
Prunalis, Marg. 245
,, Pyra. 245
,, Scop. 245
Prunaria, Angc. 167
,, Phal. 167
Prunata, Phal. 192
Prunata, Steg. 192
Pruni, Pap. 16, 17
,, Thecla, 16, 17
Pruniata, Phal. 170
Psammophila, 72
Psammotis, 308
Psednothrix, 159
Pseudolus, Pap. 19
Pseudopanthera, 212
PSEUDOTERPNA, 170
Psi, Acro. 115
,, Noct. 115
,, Phal. 115
,, Trim. 115
Psilura, 49
Psithyros, 29
Psittacata, Chlo. 195
,, Enth. 195
,, Geom. 195
Psodos, 156
PSYCHE, 56
Pterapherapteryx, 199
Pteridis, Cato. 286
,, Erio. 286
,, Noct. 286
PTEROSTOMA, 41
Ptilodontis, 42
PTILOPHORA, 42
PTYCHOPODA, 219, 220, 300, 302
Pucedani, Anth. 264
,, Sphinx, 264
pudibunda, Dasy. 50
,, Phal. 50
pudorina, Bomb. 62
,, Leuc. 136
,, Noct. 136
,, Phal. 139
puella, Brep. 296
,, Noct. 296
pulchella, Deio. 60
,, Phal. 60
pulchellata, Eupi. 200
pulchellina, Noct. 104
pulchra, Noct. 60
pulchraria, Geom. 224
pulchrina, Noct. 143
,, Phyt. 144
,, Plusia, 143
pulla, Bomb. 275
,, Fumea, 56
,, Noct. 90
,, Phal. 131
,, Xylo. 90
pullata, Char. 176
,, Geom 176
,, Gnap. 176
pulmonariæ, Miana, 282
,, Noct. 282
Pulmonaris, Miana, 282
,, Noct. 282
pulveralis, Marg. 242, 308
,, Psam. 303
,, Pyra. 308

pulveraria, Anag. 177
" Numer. 177
" Phal. 161, 177
pulverulenta, Noct. 83
pumilata, Eupi. 201
" Geom. 201
punctalis, Doly. 236
" Marg. 236
" Pyra. 236
punctaria, Ephy. 179
" Geom. 179
" Phal. 179
punctata, Bapta, 212
" Cora. 212
" Phal. 212
punctigera, Phal. 140
punctilinea, Leuc. 287
" Noct. 289
punctina, Leuc. 137
" Noct. 137
punctosa, Anth. 249
" Sima. 249
punctularia, Boar. 176
" Geom. 176
punctulata, Geom. 176
punctum-album, Phal. 129
punica, Phal. 126
punicea, Grap. 77, 280
" Noct. 77, 280
puniceulis, Phal. 246
" Pyral. 246
" Pyrau. 246
pupillaria, Phal. 179
pupillata, Agro. 71
pupillatus, Bomb. 71
purpuralis, Phal. 246
" Pyral. 246
" Pyrau. 246
purpuraria, Aspi. 300, 301
" Phal. 300
purpurata, Phal. 272
purpurea, Arct. 272
" Bomb. 272
" Phal 272
pusaria, Cabe. 177
" Phal. 177
pusilla, Orth. 83
" Noct. 83
pusillata, Eupi. 201
" Geom. 201, 202
" Phal. 201
pustulata, Phal. 170
puta, Agro. 73
" Noct. 73
putata, Phal. 226
" Thal. 226
putataria, Chlo. 226
" Phal. 226
putris, Noct. 93
" Phal. 91
" Xyli. 91
Pygæra, 37
pygmæola, Lith. 62
pygmina, Leuc. 134
" Noct. 134
Pyraliata, Elect. 190
" Geom. 190
Pyralina, Cosmia, 122
" Noct. 122
PYRALIS, 235, 306
Pyralis, Phal. 235
Pyramois, 11
Pyramidea, Amph. 87
" Noct. 87
PYRAUSTA, 240, 247, 300
PYRGUS, 21, 262
Pyrina, Phal. 36
Pyrinia, 5
Pyrois, 87
Pyronia, 7
" Moli. 15
" Pap. 15
Pyrophila, 88
pyrophila, Grap. 75
" Noct. 75
" Spœ. 75
Pyroptoron, 267
pyrrhomelæna, Pap. 12
pyrrhopa, Lœlia, 57
Pythia, Zygæ. 263

Q.

Quadra, Lith. 62
" Œnis. 62
" Phal. 62
Quadrata, Phal. 297
Quadratum, Noct. 77
4-annulata, Harp. 191
" Phal. 191
4-fasciaria, Cida. 187
" Geom. 187
" Phal. 187
4-fasciata, Phal. 198
4-lunaria, Geom. 166
4-maculata, Phal. 212
" Veni. 212
4-punctata, Geom. 182
" Noct. 131
" Phal. 228
4-pustularia, Phal. 176
Quercaria, Geom. 166
Quercicola, Phal. 130
Quercifolia, Gast. 48
" Phal. 48
Quercinaria, Geom. 166
Quercus, Bomb. 46
" Lasio. 46
" Meris. 129
" Noct. 129
" Pap. 17
" Phal. 46
" Thecla, 17
Quorna, Bomb. 269
Querna, Chao. 269
" Drym. 269
Quernens, Bomb. 43
quinquaria, Epis. 157
" Geom. 157
5-maculata, Sphinx, 265
5-maculatus, Sphinx, 265

R.

radia, Agro. 73
radiata, Noct. 245
" Phal. 224
radiatalis, Pyra. 231
radiatus, Bomb. 55
radicea, Noct. 67, 75, 92
radiella, Fumea, 56
radiola, Agro. 73
" Noct. 73
radius, Bomb. 73
ramalis, Phal. 245
ramilinea, Noct. 137
Ranunculina, Noct. 110
Rapæ, Pap. 4
" Pieris, 4
" Pontia, 4
Raphia, 98, 121
rava, Noct. 95
ravida, Noct. 75
" Spœ. 75
recens, Gyna. 51
recictaria, Lare. 201
reclusa, Bomb. 37
" Clost. 37
rectangulata, Eupi. 200
" Phal. 188, 200
rectilinea, Hypp. 94
" Noct. 94, 103
" Xylo. 94
recussa, Noct. 71
redacta, Cara. 130
" Noct. 130
redactaria, Eupi. 203
regalata, Phal. 194
Regina, Pap. 2
remissa, Hado. 104
" Noct. 104
remutata, Acid. 222
" Phal. 222
renago, Noct. 121
renata, Noct. 121
renigera, Celæna, 282
" Grap. 74
" Noct. 279
" Spœ. 279
repandaria, Alcis, 174
" Phal. 181
repandata, Alcis, 174
" Phal. 174
respersaria, Geom. 182
retata, Phal. 224

1. PORTUMNUS LATIPES. Pennant's Swimming-Crab.

Cancer latipes, *Penn. Brit. Zool.* iv. p. 3, t. 1, edit. 1777, f. 4. *Herbst.* t. 21, f. 126.
Portumnus variegatus, *Leach, Ed. Enc.* vii. p. 391; *Mal. Po Brit.* t. iv. f. 1—6; *Linn. Trans.* xi. p. 314; *Samouelle, Ent. C Comp.* p. 84; *Bell, Brit. Crust.* p. 85.
Portune varié, *Blainv. Faun. Franç.* t. 4, f. 2.
Corystes (Platyonichus) variegata, *Haan, Faun. Jap.* p. 12.
Platyonichus depurator, *Latr. Enc. Meth.* x. p. 153.
Platyonichus latipes, *M. Edw. Crust.* i. p. 436; *Lucas, Expl. Alg* p. 14.

a—*e*. Devon. From the collections of Col. Montagu and D Leach.
f.—*h*. (Young). S. of England. Presented by Dr. Goodall
j. Torbay. Presented by J. R. Griffiths, Esq.

3. POLYBIUS.

Polybius, *Leach, Mal. Pod.*
Platyonichus, pt. *Latr.*
Corystes (subg. Polybius), *Haan, Faun. Jap.* p. 11.

1. POLYBIUS HENSLOWII. Henslow's Swimming-Crab.

Polybius Henslowii, *Leach, Mal. Pod. Brit.* t. ix. B., f. 1—4; *M. Edw. Crust.* i. p. 439; *Bell, Brit. Crust.* p. 116.
Platyonichus Henslowii, *Latr. Enc. Meth.* x. p. 152.
Corystes (Polybius) Henslowii, *Haan, Faun. Jap.* p. 12.
Cancer depurator, *Solander, Banks, Drawings*, iii. t. 8.

a—*c*. Devon. From the collection of Dr. Leach.
d. Cornwall. Presented by D. W. Mitchell, Esq.

4. PORTUNUS.

Portunus, *Leach, Linn. Trans.* xi. p. 315.
Portunus, pt. *Fabr. Ent. Syst. Suppl.* p. 263.
Portunus, (subg. Portunus), *Haan, Faun. Jap.* p. 9.
Cancer, pt. *Linn. Syst. Nat.*

Swimming-Crabs (local name).
Flying-Crabs (local name).
Fiddlers (local name).

1. Portunus puber. Velvet Crab.

ancer puber, *Linn. Syst. Nat.* i. p. 1046, 40.
ancer velutinus, *Penn. Brit. Zool.* iv. p. 4, t. iv. f. 8; *Herbst*, i. t. 7, f. 49.
ortunus puber, *Leach, Mal. Pod. Brit.* t. vi.; *Samouelle, Ent. U. Comp.* p. 84; *Blainv. Faune Franç.* t. 4, f. 1; *M. Edw. Crust.* i. p. 441; *Cuv. R. A.* (Croch.) t. x. f. 2; *Latr. R. A.* iv. p. 35; *Bell, Brit. Crust.* p. 90.
rtunus velutinus, *Haan, Faun. Jap.* p. 9.

—*f*. Devon. From the collections of Col. Montagu and Dr. Leach.
—*j*. Cornwall. Presented by D. W. Mitchell, Esq.

2. Portunus corrugatus. Wrinkled Swimming-Crab.

Cancer corrugatus, *Penn. Brit. Zool.* edit. 1777, iv. p. 5, t. v. f. 9, p. 5; *Herbst*, t. vii. f. 50.
Portunus corrugatus, *Leach, Ed. Enc.* vii. p, 390; *Linn. Trans.* xi. p. 315; *Mal. Pod. Brit.* t. vii. f. 1, 2; *Samouelle, Ent. U. Comp.* p. 85; *Haan, Faun. Jap.* 9; *M. Edw. Crust.* i. p. 443; *Latr. R. A.* iv. p. 35; *Bell, Brit. Crust.* p. 94; *Lucas, Expl. Alger.* p. 14.
British Coast
a—*c*. Plymouth Sound. From the collection of Col. Montagu.

3. Portunus Rondeletii.

Portunus Rondeleti, *Risso, Crust. Nice.* p. 26, t. 1, f. 3 (1816); *Id. Hist. Nat. de l'Eur. Mérid.* v. p. 2; *Haan, Faun. Jap.* p. 9; *M. Edw. Crust.* i. p. 444; *Lucas, Expl. Alger.* p. 15.
Portunus arcuatus, *Leach, Mal. Pod. Brit.* t. vii. f. 5, 6; *Edin. Enc.* vii. p. 390; *Thompson, Ann. Mag. Nat. Hist.* x. p. 283; *Bell, Brit. Crust.* p. 97.
Var. with notched front.
Portunus emarginatus, *Leach, Mal. Pod. Brit.* t. vii. f. 3, 4.

a, *b*. Sussex. Presented by J. E. Gray, Esq.
c. S. W. Coast of Devon.

retialis, Phal. 224
reticella, Psyche, 57
reticulata, Phal. 106
retiella, Psyche, 57
retusa, Ipim. 122
„ Phal. 122
„ Plast. 122
„ Tethea, 122
reversata, Rhea, 219
„ Ptye. 219
Rhabdophana, 142
Rhamnata, Geom. 208
„ Phil. 208
„ Scot. 208
Rhamni, Gone. 2
„ Pap. 2
Rhizolitha, 91
rhizolitha, Noct. 91
„ Xyli. 91
RHODARIA, 246
Rhodocera, 2
Rhodostrophia, 300
rhombica, Phal. 123
rhomboidaria, Alcis, 174
„ Geom. 174
rhomboidea, Grap. 74, 77
„ Noct. 77
Rhyacia, 74, 279
Rhyparia, 211, 273, 298
Ribcaria, Phal. 174
Ribesiaria, Cida. 192
ridens, Cora. 120
„ Noct. 120, 285
Rinaldus, Pap. 14
Ripæ, Agro. 72
„ Noct. 72
rivata, Geom. 214
„ Mota. 214
RIVULA, 243
rivularis, Noct. 107, 108
„ Pap. 256
rivulata, Emmo. 215, 216
„ Geom. 216
Roboraria, Alcis, 173
„ Geom. 173
Roboris, Bomb. 46
„ Chao. 42
„ Lasio. 46
„ Noct. 42
Roeselia, 249
roraria, Phal. 168
rosceidaria, Geom. 158
roscida, Bomb. 276
„ Endro. 276
„ Noct. 276
„ Seti. 63
rosea, Bomb. 50
„ Leuc. 135
rostralis, Hype. 231
„ Phal. 231
rotunda, Nuda. 57
rotundaria, Cabe. 178
„ Geom. 178
rubago, Phal. 124
rubea, Bomb. 274
„ Penth. 274
rubcrata, Geom. 195
rubetra, Noct. 85
rubeuncula, Apam. 97
Rubi, Grap. 77
„ Lasio. 45
„ Noct. 77
„ Pap. 17
„ Phal. 45
„ Thecla, 17
rubicunda, Noct. 69
rubidata, Anti. 193
„ Geom. 193
rubiginata, Geom. 215
„ Meso. 215
„ Phal. 221
„ Xerc. 215
rubiginea, Dasy. 86
„ Glæa. 86
„ Noct. 86
rubricans, Noct. 73
rubricata, Emmi. 221
„ Geom. 221
„ Ptye. 221
rubricollis, Atol. 63
„ Gnop. 63
„ Phal. 63
rubricosa, Glæa. 81
„ Noct. 81, 83
rubrociliata, Geom. 300
rubrofasciata, Phal. 300
rubroviridata, Phal. 195
rufa, Acos. 134
„ Noct. 81
„ Phal. 134
rufannulata, Noct. 82
rufata, Phal. 207
rufia, Phal. 230
rufescalis, Pyral. 233
rufescens, Leuc. 138
„ Noct. 138
rufifasciata, Eupi. 201
„ Phal. 201
rufina, Orbona, 126
„ Phal. 126
„ Xant. 126
rufofascialis, Emny. 309
„ Pyraus. 309
rufula, Acos. 134
rufuncula, Miana, 97
„ Noct. 97
Rumia, 167
Rumicis, Acro. 116
„ Phal. 116
„ Noct. 117
runica, Diph. 114
„ Noct. 112
„ Phal. 114
runigerata, Phal. 228
rupestrata, Acid. 303
„ Geom. 303
rupestrata, Lobo. 199
rupicola, Phal. 148
rupicapraria, Chei. 197
„ Geom. 197
ruptata, Geom. 192
rurea, Noct. 93
„ Xylo. 93
ruris, Agro. 73
„ Noct. 71, 73
RUSINA, 66
russata, Geom. 196
„ Poly. 196
Russula, Diac. 53
„ Euthe. 53
„ Eypr. 53
„ Phal. 53
rusticata, Cosm. 217
„ Emmo. 217
„ Geom. 217
rutticilla, Noct. 84
„ Orth. 84
rutilago, Noct. 128, 145
„ Phal. 125

S.

Sabæus, Pap. 256
Sabellicæ, Pont. 4
Saccophora, 66
Sagittata, Elect. 189
„ Phal. 189
Sagittifera, Agro. 72, 278
sagittiferus, Bomb. 70
Salicalis, Colo. 232
„ Pyra. 232
Salicaria, Geom. 186, 187
Salicata, Cida. 186
„ Core. 186
„ Geom. 186
Saliceti, Phal. 121
Salicis, Acro. 117
„ Furc. 39
„ Leuc. 51
„ Phal. 51
„ Pter. 42
„ Sphinx, 26
„ Stilp. 51
Salmacis, Poly. 21
Sambucalis, Phly. 238
„ Pyra. 238
Sambucaria, Oura. 168
„ Phal. 168
Sambuci, Phal. 100
sanguinalis, Phal. 246
„ Pyra. 246
„ Rhod. 246
sanguinaria, Geom. 217
Sannio, Phal. 53
Sao, Pap. 21
Saponaria, Hade. 106
„ Neur. 106

Saponariæ, Phal. 100
Sarodria, 244
sartata, Gnop. 312
Satellitia, Eups. 87
,, Glaia, 87
,, Phal. 87
,, Scop. 87
satura, Hade. 102, 103
,, Noct. 102
,, Phal. 104
saturata, Poly. 196
SATURNIA, 45
saucia, Agro, 70
,, Noct. 70, 101
Satyrus, 7
Scabiosæ, Anth. 263
,, Sphinx, 263
scabrata, Geom. 186
SCHIDAX, 209
Schistotege, 210
Schœnis, 15
Scincula, Bomb. 228
scintilimana, Cher. 248
Scodiona, 159
SCOLIOPTERYX, 127
scolopacina, Noct. 93
,, Xylo. 93
SCOPELOPUS, 295
Scopelosoma, 87
Scopigera, Sphinx, 31
SCOPULA, 244, 245, 308
Scopulipes, Phyt. 275
Scoria, 210
Scotia, 66, 74
SCOTOPHILA, 79, 88, 281
Scotopteryx, 176
Scotosia, 208
scripta, Noct. 121
Scrophularia, Cucu. 140
,, Noct. 140
scutata, Phal. 219
scutigera, Phal. 146
scutosa, Heli. 146
,, Noct. 146
scutularia, Dosy. 219, 220
scutulata, Geom. 219
,, Ptyc. 219
secalina, Apam. 95
,, Noct. 95
secalis, Pyra. 244
securis, Phal. 145
SEGETIA, 66, 277
Segetis, Noct. 69
Segetum, Agro. 69
,, Bomb. 277
,, Noct. 69, 131
seladonia, Hade. 105
,, Noct. 105, 285
Selene, Argy. 14
,, Mole. 14
,, Pap. 14
Selenia, 160
Selidosema, 158, 176
Semaphora, 114
Semele, Hipp. 7
,, Pap. 7
semiargus, Pap. 19
semibrunnea, Noct. 90
,, Xyli. 90
semicana, Noct. 138
semicoccinea, Arct. 53
semiflava, Cali. 59
semifuscana, Noct. 130
SEMIOPHORA, 80
Semiothisa, 227
semipavo, Sphinx, 26
semizonatus, Sphinx, 32
senex, Bomb. 57
,, Nuda, 57
SENTA, 133
Sepii, Cara. 131
,, Noct. 131
Septis, 92, 281
serena, Noct. 109
,, Polia, 109
Sericaria, 37, 38, 271
sericea, Moli. 133
,, Sent. 133
sericealis, Marg. 243
,, Pyra. 243
,, Rivula, 243
sericearia, Alcis, 173
sericeata, Emme. 302
,, Geom. 302
,, Lare. 302
,, Phal. 201
serina, Noct. 85
serotinaria, Char. 176, 299
,, Geom. 176, 299
Serpylli, Noct. 84
serrata, Pori. 44
,, Phal. 44, 210
serratina, Noct. 83
SESIA, 30, 266
sesquistriaria, Phtl. 108
sesquistriataria, Bomb. 168
Setina, 60, 63
sexalata, Phal. 200
sexalisata, Geom. 200
,, Lobo. 200
sexpunctina, Noct. 85
sexstrigata, Noct. 67
sexalata, Geom. 200
Shœnobæna, Noct. 85
Sibilla, Limo. 10, 256
,, Pap. 10
sicula, Bomb. 220
,, Drep. 220
,, Geom. 220
Sideridis, 66, 126, 288
Sigma, Grap. 78
,, Noct. 78
,, Phal. 80
signata, Noct. 63
,, Phal. 205
signifera, Agro. 268
,, Noct. 278
Silacealis, Botys, 241
,, Pyral. 241
Silaceata, Geom. 192
,, Harp. 192
silago, Noct. 124
Silenata, Emme. 216
Silene, Pap. 14
,, Noct. 87
SIMAETHIS, 248
similaria, Geom. 175
similina, Noct. 119
similis, Acro. 116
,, Noct. 116
simplicata, Eupi. 202
,, Phal. 202
simulans, Phal. 75
simulata, Geom. 197
,, Thera. 197
SIMYRA, 138, 139
Sinapis, Leuc. 5
,, Pap. 5
singulariata, Eupi. 202
,, Phal. 202
singularis, Phal. 140
sinuata, Anti. 194
,, Geom. 194
,, Phal. 228
SIONA, 210
Sirecciformis, Sphinx, 30
siterata, Phal. 195
SITOCHROA, 239, 242
Smaragdaria, Euch. 170
,, Geom. 170
,, Hemi. 170
,, Phal. 170
Smaragdarius, Hipp. 170
SMERINTHUS, 25
sobrinata, Eupi. 203
,, Geom. 203
socia, Phal. 90
sociata, Phal. 190
Solani, Noct. 65
Solaris, Acon. 148
,, Noct. 148
Solenoptera, 139
Solidaginis, Cucu. 140
,, Lith. 89
,, Noct. 89
sordiata, Phal. 218
sordida, Noct. 69, 73, 99, 130
sordidalis, Pyral. 247
,, Pyrau. 247
sordidata, Phal. 167
sorditaria, Geom. 160
spadicea, Glœa, 86
,, Noct. 86
spadiceata, Phal. 187
SPÆLOTIS, 74, 112, 279
sparsa, Orth. 82
Sparsaria, Geom. 209

Sparsaria, Schid. 209
„ Scot. 209
Sparshalii, Arct. 272
„ Trieb. 272
sparsus, Bomb. 82
Spartinta, Chesias, 207
„ Euce. 207
„ Phal. 207
Spartii, Bomb. 40
„ Phal. 103
Spectrum, 37
SPERANZA, 157
Sphægiforme, Troc. 32
Sphægiformis, Sesia, 32
Sphecia, 30
Spheciforme, Troc. 32
Spheciformis, Æger. 32
„ Sphinx, 32
Sphegiformis, Troc.
Spherulatina, Noct. 85
SPHINX, 27, 265, 274
Sphinx, Bomb. 43
Sphyrus, Pap. 2
SPILODES, 242, 244
SPILOSOMA, 64
Spilothyrus, 202
Spinacia, Noct. 110
Spinachia, Phal. 101
Spinachiata, Elec. 190
„ Phal. 190
Spini, Hesp. 260
„ Pap. 260
„ Thecla, 260
spinifera, Phal. 70
spinula, Bomb. 70
„ Cilix, 230
„ Geom. 230
spinulus, Bomb. 69
Spiris; 60
splendens, Mamo. 100, 283
„ Noct. 283
Spodos, 156
sponsa, Cato. 154
„ Phal. 154
spreta, Noct. 80
stabilis, Orth. 82
„ Noct. 82
stagnata, Phal. 237
stagnicola, Cara. 133
Staphyleata, Phal. 219
Statices, Ino, 24
„ Procris, 24
„ Sphinx, 24
Statices minor, Sphinx, 24
STAUROPUS, 39
STEGANIA, 209
STIGANOLOPHIA, 192
Stellatarum, Macr. 29
„ Sphinx, 29
Stenia, 236
Stenopteryx, 240
Steropes, 29
Sterrha, 301
Sterropterix, 55, 274
Sthaneila, 206
stictaria, Geom. 161
stictica, Noct. 142
sticticalis, Marg. 244
„ Phal. 244
„ Spil. 244
stigmatica, Grap. 77
stigmaticus, Bomb. 70
stigmosa, Phal. 146
STILBIA, 133
STILPNOTIA, 51, 271
Stomoxyformis, Troc. 33, 267
Stomoxyformis, Sphinx, 267
stramentalis, Pion .244
„ Pyra. 244
„ Marg. 244
straminea, Leuc. 137
„ Phal. 146
straminicola, Lith. 61
strataria, Phal. 163
Stratiotata, Hydro. 238
„ Para. 238
„ Phal. 238
STRENIA, 223
Streatfeildii, Aglossa, 234
„ Pyra. 234
striaria, Geom. 178
striata, Phal. 60
stricta, Bomb. 121
strigata, Phal. 177
strigilata, Geom. 226
strigilis, Mian. 96
„ Noct. 96
„ Phal. 96
strigillaria, Aspi. 182
„ Geom. 182
„ Pero. 182
strigosa, Acro. 116
„ Noct. 146
strigula, Noct. 249
„ Nola, 249
strigulalis, Nola, 249
strigularia, Boar. 176
Strobilata, Eupi. 201
Strophia, 113
Strymon, 16, 260
suasa, Mamo. 101
„ Noct. 101
subarata, Eupi. 201
subangularia, Geom. 179
subatratus, Bomb. 69
subcærulearia, Alcis, 310
subcorticalis, Phal. 91
suberaria, Phal. 174
subfasciata, Eupi. 203
subfimbriata, Geom. 168
subfulvata, Eupi. 205
„ Phal. 205
subfuscata, Eupi. 203
„ Phal. 203
subfusous, Bomb. 69
subgothica, Agro. 71
„ Noct. 71
subjecta, Orth. 86
sublactata, Phal. 33
sublunaria, Geom. 166
sublustris, Noct. 92
„ Xylo. 92
submissa, Noct. 104
subnigra, Glæa, 87
„ Noct. 87
subnotata, Eupi. 202
„ Geom. 202
suboctreata, Ptyt. 221
subplumbeus, Bomb. 82
subpurpurina, Noct. 144
subrosea, Comm. 74
„ Grap. 74
subroseata, Geom. 227
„ Phal. 227
subrufa, Noct. 77
subrufata, Maca. 208
„ Phal. 208
subsequa, Noct. 64
„ Trip. 64
subsericeata, Acid. 222
„ Phal. 222
subsetaceus, Bomb. 81
subtorranea, Agrot. 278
„ Noct. 278
subtristata, Harp. 214
„ Phal. 214
subtusa, Ipim. 122
„ Noct. 122
„ Plust. 122
„ Teth. 122
subumbrata, Eupi. 202
„ Geom. 202
succenturiata, Eupi. 205
„ Phal. 205
suffumata, Geom. 193
„ Lamp. 193
suffuruncula, Apam. 97
suffusa, Agro. 70
„ Clos. 37
„ Leuc. 138
„ Noct. 70
suffusata, Idæa, 222
sulphurago, Phal. 85
sulphuralis, Emmo. 149
„ Eras. 149
„ Phal. 149
sulphurea, Bomb. 68
„ Noct. 149
superstes, Cara. 130
suspecta, Noct. 84
Sylvanus, Hesp. 23
„ Pamp. 23
sylvaria, Sper. 157
sylvata, Emmo. 224
„ Geom. 224
„ Hydr. 224
„ Phal. 211

sylvaticata, Harp. 214
,, Phal. 214
sylvestraria, Geom. 223
Sylvina, Phal. 35
Sylvinus, Hepi. 35
Sylvius, Cycl. 262
,, Hesp. 262
,, Pamp. 262
,, Pap. 263
SYMA, 281
Symira, 134, 136, 138
Symmachia, 21
Sympistris, 147
Synanthedon, 32
SYNAPHA, 233
Synchloe, 5
Syngenesiæ, Noct. 284
Synia, 139
Synopsia, 171, 174
Syrichtus, 21
Syringaria, Peri. 167
,, Phal. 167
Syssaura, 229
Systropha, 61

T.

Tabaniformis, Sphinx, 31
Tachyptera, 270
tæniata, Emme. 217
Tæniocampa, 80, 81
Tages, Niso. 22
,, Pap. 22
,, Thym. 22
taminata, Cory. 212
,, Geom. 212
Tanaceti, Cucu. 141, 290
,, Noct. 141
Tanagra, 218
Tarache, 148, 293
Tarachia, 292
tarsicrinalis, Para. 232
,, Pyra. 232
Tau, Aglia, 270
,, Phal. 270
Taunria, Nyssia, 162
telifera, Noct. 80
Telmia, 131
temerata, Geom. 212
Templi, Crym. 99
,, Noct. 99
,, Polia, 99
tenebraria, Geom. 156
Tenebrioniformis, Sphinx, 30
tenebrosa, Noct. 66
teneraria, Cleo. 171
,, Geom. 171
tentaculalis, Pyra. 232
Tenthrediniformis; Sphi. 32
Tentrediniformis, Sphi. 33
tenuiata, Eupi. 204
,, Geom. 204
tenuina, Noct. 122
Tephroclystia, 231
TEPHRONIA, 172, 186
Tephrosia, 174
Terasion, 39
terminalis, Marg. 241
,, Mian. 97
,, Noct. 79
,, Pyral. 241
Terrealis, Botys, 242
,, Pyra. 242
tersata, Geom. 207
,, Phib. 207
tessellata, Moli. 15
,, Pap. 15
testacea, Hama, 98
,, Noct. 98
testaceata, Phal. 161
testaceata, Phal. 224
testata, Elec. 190
,, Phal. 190
Testudinana, Tort. 58
Testudo, Bomb. 58
,, Lima. 58
,, Pap. 12
Tethea, 119, 121, 122
tetra, Noct. 88, 281
,, Pyro. 88
,, Scoto. 281
tetragona, Noct. 66
tetragonaria, Boar. 175
,, Geom. 175
tetragonalis, Pyra. 244
tetralunaria, Phal. 166
texta, Cerigo, 65
,, Phal. 65
,, Thal. 65
Thalassina, Hado. 103
,, Phal. 103
THALERA, 225
Thalia, Pap. 14
THALPOPHILA, 65
Thanaos, 22
Thapsalis, Botys, 241
,, Marg. 241
Thapsi, Phal. 111
Thapsiphaga, Cucu. 140, 290
Tharos, Meli. 260
,, Pap. 260
THAUMATOPEIA, 270
Thaumus, Pap. 23
THECLA, 16, 260
THERA, 196
Theretra, 28
Theria, 197
Therina, 168
Therinia, 168
Thermophila, 25, 264
Thestylis, Poly. 20
Thotis, Pap. 20, 261
Tholera, 68, 99
Thorassa, Argy. 260
THYATIRA, 113
Thymelicus, 22
Thymelinus, 22
Thymiaria, Ohlo. 226
,, Phal. 226
THYRIDOPTERYX, 274
Thysbe, Sesia, 266
tigerina, Noct. 86
tigris, Geom. 176
Tiliæ, Smer. 26
,, Sphinx, 26
Tiliaria, Geom. 165, 166
,, Odop. 165
,, Phal. 159, 165
TIMANDRA, 180, 311
tincta, Eurois, 111
,, Noct. 111
,, Polia, 111
tinctaria, Geom. 300
,, Minoa, 300
tinealis, Pyra. 231
Tiphon, Manio. 9
Tiphys, Pap. 19
Tipuliforme, Troch. 32
Tipuliformis, Ægeria, 32
,, Sphinx, 32
Tithonius, Pap. 8
Tithonus, Hipp. 7
,, Pap. 7, 261
Titus, Hesp. 260
,, Poly. 260
,, Thecla, 260
togata, Eupi. 200
,, Geom. 200
,, Noct. 124
torva, Bomb. 40, 269
,, Notod. 40, 269
torvaria, Dasy. 156
,, Geom. 156
TORULA, 297
Toxocampa, 152
trabealis, Phal. 149
TRACHEA, 80, 112
Tragopoginis, Phal. 88
Tragopogonis, Noct. 88
Tragopogonis, Phal. 88
,, Pyra. 88
,, Scot. 88
transversa, Noct. 141
,, Phal. 87
transversalis, Phal. 284
transversata, Phal. 208
trapetzina, Comica, 126
,, Eupe. 126
,, Phal. 126
Tremulæ, Bomb. 40, 44
,, Pap. 257
,, Phal. 141
tropida, Bomb. 44
,, Peridea, 44
,, Phal. 41

trepidaria, Geom. 156
„ Psodos, 156
TRIÆNA, 114, 286
triangularis, Noct. 107
triangulum, Grap. 78
„ Noct. 78
„ Phal. 78
TRICHETRA, 272
Trichiocercus, 272
TRICHIURA, 47
Trichopteryx, 198, 199, 216
tricomma, Noct. 76
tricuspis, Bomb. 67
tridens, Acro. 115
„ Noct. 115
„ Phal. 115
„ Trix. 115
tridentata, Phal. 191
trifasciata, Cato. 295
„ Geom. 195
trifoliaria, Geom. 182
Trifolii, Anth. 25
„ Bomb. 45, 46
„ Lasio. 46
„ Phal. 101
„ Sphinx, 25
trigeminata, Phal. 219
trigonaria, Boar. 175
trigonalis, Bomb. 70
trigonata, Emme. 216
„ Phal. 215
Trigonophora, 100, 139, 283
trigrammica, Phal. 120
trigutta, Noct. 81, 247
trilinea, Gram. 129
„ Noct. 129
trilinearia, Ephy. 180
„ Phal. 180
trilinearina, Noct. 130
trilineata, Phal. 222
trimacula, Bomb. 42
trimaculata, Phal. 203
trimaculosa, Noct. 111
trinotata, Phal. 198
Triodia, 35
tripartita, Phal. 43, 291
TRIPHÆNA, 64
TRIPHOSA, 209
triplacea, Noct. 291
triplasia, Abro. 143
„ Phal. 143
Triptolomus, Sphinx, 25
„ Zygæ. 263
tripuncta, Apam. 97
triquetra, Eucl. 297
„ Noct. 297
tristigma, Grap. 77, 78
tristata, Harp. 213
„ Melan. 213
„ Phal. 213
tristis, Harp. 213
tristis, Mela. 213
„ Noct. 75, 147
„ Phal. 213
tristrigata, Phal. 197
Tritici, Agro. 71
„ Phal. 71
„ Noct. 71, 277
Tritopha, Phal. 44
Tritophus, Bomb. 40, 269
„ Nota. 40
Trivia, Pap. 15
TROCHILIUM, 30, 31, 32, 266
TROTHISA, 150, 293
truncata, Phal. 196
Tullia, Pap. 9
turbaria, Emme. 216
turbata, Geom. 301
„ Mela. 301
turbida, Noct. 137, 280
turca, Myth. 128
„ Phal. 128
Turcosa, Sphinx, 24
Typha, Noct. 136
„ Nona. 136
Typhon, Pap. 9, 256
typica, Lemu. 88
„ Nonia, 88
„ Noct. 106
„ Phal. 88
Typicoides, Phal. 106
typicoidina, Noct. 106
Tyria, 59

V.

Vaccinii, Glæa, 86
„ Orth. 86
„ Noct. 87
„ Phal. 86
Valerianata, Eupi. 202
valida, Noct. 103
valligera, Agro. 70
„ Noct. 70, 72
VANESSA, 11
varia, Phal. 79
variata, Geom. 196
„ Phal. 197
„ Thera, 196, 197
variegata, Eupi. 205
„ Noct. 108
„ Phal. 42, 205, 217, 226
„ Ptil. 42
„ Tima. 226
V.-ata, Eupi. 201
„ Phal. 201
Vauaria, Halia, 159
„ Phal. 159
Vau-nigraria, Geom. 159
Vau-nigrum, Bomb. 61
„ Lono. 61
Vectis, Nona. 137
Velleda, Bomb. 35
„ Hepi. 35
Vellida, Pap. 257
VENILIA, 212
venosa, Agro. 72
„ Noct. 85, 88
„ Phal. 138
„ Simy. 138
venosata, Eupi. 206
„ Geom. 206
venosus, Bomb. 69
VENUSIA, 185
venustula, Eras. 151
„ Noct. 151
Verbascalis, Ebulea, 239
„ Pyra. 239, 241
„ Marg. 239
Verbasci, Cucu. 139
„ Phal. 139, 140
verna, Noct. 101
vernaria, Geom. 225
„ Hemi. 160
„ Iodis, 169
„ Phal. 168, 169, 226
„ Ptyc. 226
versicolor, Endr. 44
„ Phal. 44
versicolora, Phal. 44
verticalis, Botys, 240
„ Epic. 242
„ Marg. 240
„ Phal. 240
vespertaria, Epio. 181
„ Geom. 158
„ Phal. 180, 181
Vespiforme, Troch. 31
Vespiformis, Sphinx, 31, 32
vestalis, Phal. 215
vestigialis, Bomb. 107
vetula, Noct. 122
vetulata, Geom. 209
„ Phil. 209
„ Scot. 209
vetusta, Calo. 91
„ Noct. 91
vibicaria, Pell. 300
„ Phal. 180, 300
Vicinæ, Zygæ. 264
Viminalis, Bomb. 121
„ Cleo. 121
„ Noct. 121
Vindelicca, Noct. 128
Vidua, Anar. 147
„ Bomb. 154
„ Noct. 147
„ Pap. 8
Viduaria, Cleo. 171
„ Geom. 171
„ Phal. 159
Villica, Arct. 53

Villica, Phal. 53
vinnuncula, Noct. 97
Vinula, Cerur. 39
,, Phal. 39
violacco-nigrostriata, Phal. 194
virensina, Noct. 105
virescens, Noct. 105
viretata, Acasis, 198
,, Geom. 198
,, Lobo. 198
virgaria, Phal. 183
virgata, Phal. 183, 195
,, Phib. 183
Virgaureæ, Lycæ. 18
,, Pap. 18
virgularia, Acid. 220
,, Geom. 220
,, Ptyc. 220
viridata, Chlo. 225
,, Nemo. 225
,, Phal. 188, 225
viridiplaca, Phal. 146
viridulata, Phal. 200
viscosa, Noct. 277
Vitalbata, Geom. 207
,, Phib. 207
Vitellius, Hesp. 263
,, Pamp. 263
vitiosata, Geom. 215
Vitis-Idææ, Phal. 47
vitriolata, Phal. 168
Vitta, Noct. 71
,, Phal. 71
vittatus, Cram. 231
Volupia, [illegible]
volu[illegible]
[illegible] Phal. 128
[illegible]ata, Phal. 169
vulgaris, Cheim. 197
vulgata, Eupi. 203
,, Phal. 203

U.

UDEA, 239
uliginata, Phal. 237
uliginosa. Hydr. 132
uliginosalis, Marg. 215
,, Scop. 245
Ulmaria, Phal. 163
Ulmata, Abrax. 211
,, Phal. 211
Ulmi, Sphinx, 26
Ulvæ, Noct. 133
,, Senta, 133
umbra, Phal. 145
umbrago, Noct. 145
umbralis, Pyra. 245
Umbratica, Cucu. 141
Umbratica, Phal. 141
umbrosa, Lyuæa, 67
,, Noct. 67, 90
unangulata, Harp. 214
,, Phal. 214
unanimis, Apam. 95
,, Noct. 95, 126
,, Phal. 126
unca, Noct. 149
uncana, Erast. 149
,, Hyela, 149
,, Phal. 149
uncinula, Phal. 229
uncula, Bomb. 229
,, Drep. 229
undata, Bomb. 120
undosa, Noct. 119
undulalis, Camp. 305
,, Cram. 305
undulata, Calo. 210
,, Eucos. 210
,, Noct. 110
,, Phal. 185
unguicula, Bomb. 229
,, Drep. 229
unicolor, Noct. 73
unidentaria, Cida. 187
,, Core. 187
,, Geom. 187
unifasciata, Emme. 217
uni[illegible]
,, Phal. 217
[illegible]obata, Harp. 191
,, Phal. 191
unilunaria, Geom. 167
unimaculina, Noct. 126
unipunctata, Leuc. 289
,, Mac. 304
,, Noct. 289
,, Phal. 304
unipunctina, Noct. 129
unita, Bomb. 61
Upsilon, Orth. 98
,, Phal. 70
Urapteryx, 168
Uresephita, 244
Ursularia, Phal. 162
Urticæ, Abro. 142
,, Bomb. 55
,, Noct. 102
,, Pap. 12
,, Sphinx, 55
,, Vane. 12
Urticaria, Tort. 248
Urticata, Euro. 238
,, Phal. 238
ustularia, Phal 167
ustulatária, Phal. 181
Utethesia, 60
Uxor, Noct. 296

W.

Wauaria, Halia, 159
,, Phal. 159
W.-album, Pap. 17
,, Thecla, 17
Walkeri, Spil. 54
W.-Latinum, Noct. 103
,, Pap. 17
,, Phal. 101

X.

XANTHIA, 124, 287
xanthocera, Noct. 121
xanthographa, Noct. 66, 130
,, Sege. 66
,, Phal. 77
Xantholeuca, 125
Xanthomelæna, Vane. 12
Xanthopastis, 110
Xanthoptera, 64
Xanthorrhoe, 187, 191
xerampelina, Noct. 127, 257
Xerene, 213
Xilina, 90
X.-notata, Noct. 98
X.-scripta, Noct. 108
[illegible]
[illegible]
XYLINA, 89
XYLOCAMPA, 105
XYLOPHASIA, 92, 281
Xylopoda, 248

Y.

Ypsilon, Hama, 98
,, Noct. 93, 98
Ypsipetes, 194, 196

Z.

Zebu, Phal. 40
Zephyrus, 16, 17, 18
Zerena, 3, 210, 214, 298
Zerynthia, 186
ZEUZERA, 36
Ziczac. Noto. 40
,, Phal. 40
Zona, Phal. 162
Zonaria, Geom. 162
,, Nyssia, 162
Zonata, Geom. 199
Zonatus, Sphinx, 33
Zonodonta, 186
Zoote, 33
Zygæna, 24

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ERRATA.

Page	3,	*line* 27,	*below* Pontia, p., *add* Leuconea, *Donz.—Dup. C.* 24, 1846.
,,	5,	,,	9, *for* Edusa, *read* Edusa.
,,	7,	,,	3, *for* Magæra, *read* Megæra.
,,	9,	,,	10, *for* a. MELAMPIAS, *read* b. MELAMPIAS.
,,	17,	,,	33, *for* Lycæna* Phlæas, *read* Chlorophanus Phlæas.
,,	28,	,,	10, *for* Deilephila* Gallii, *read* Sphinx Gallii.
,,	28,	,,	11, 12, *for* Phrynus, *read* Phryxus.
,,	28,	,,	28, *for* Deilephila* inquilinus, *read* Sphinx inquilinus.
,,	34,	,,	23, *for* Paalæna, *read* Phalæna.
,,	41,	,,	2, *for* Tremula, *read* Tremulæ.
,,	52,	,,	23, *after* Hyporcompa, *dele* ,
,,	61,	,,	7, 17, 18, *for* Bombyx*, *read* Noctua.
,,	63,	,,	8, *for* Atolmis*, *read* Gnophia.
,,	81,	,,	30, *for* Noctua*, *read* Orthosia.
,,	101,	,,	4, *for* Broom-eye, *read* Brown-eye.
,,	111,	,,	20, *for* B. M.?, *dele* ?
,,	127,	,,	12, *for* Euphemias, *read* Ephemias.
,,	133,	,,	21, *for* Chiloes, H.—*Schæff*, *read* Chiloes, *H.-Schæff.*
,,	140,	,,	6, *for* Vebasci, *read* Verbasci.
,,	150,	,,	5, *for Fab. S. E.* 644, *read Fab. S. E.* 615.
,,	156,	,,	12, *after* Psodos trepidaria, *add* B. M.
,,	161,	,,	28, *for* Apochemia, *read* Apocheima.
,,	166,	,,	15, 16, *for* Solenia, *read* Selenia.
,,	170,	,,	4, *for Dap*, *read Dup.*
,,	201,	,,	28, *for* Larentia*, *read* Eupithecia.
,,	211,	,,	8, 9, *for* Rhyssaria, *read* Rhyparia.
,,	224,	,,	7, *for* Chorissa, *read* Chlorissa.
,,	227,	,,	6, *for* Geometra*, *read* Phalæna.
,,	244,	,,	3, *for* Phalæna*, *read* Pyralis.
,,	252 (322),		19, *for* Mart., *read* M. Art.
,,	265,	,,	11, *for* quinquemaculatus, *read* quinquemaculata.
,,	269,	,,	25, *for Col.* 2 ed., *read* 2 ed. *Col.*
,,	275,	,,	18, *for* Echinopterix, *read* Epichnopterix.
,,	277,	,,	6, *for* Segetis, *read* Segetia.
,,	282,	,,	27, *for* dimimica, *read* Dominica.
,,	288,	,,	11, *for* Nocta, *read* Noctua.
,,	296,	,,	10, *for* Red-bordered, *read* Rod-bodied.
,,	297,	,,	5, 6, *for* Gonispilcia, *read* Gonospilcia.

* The Catalogue having been originally prepared as a mere List, without the generic name applied to each species, as in the Synopsis, p. 313—321, it is apprehended a few errors of combination, like the present, may have escaped detection.

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